Response Factor Report 5972-O

Method : J:\O\METHODS\T15ORTI2.M (RTE Integrator)
Title : TO15 VOA COMPOUND LIST
Last Update : Fri Oct 14 12:07:05 2011
Response via : Initial Calibration

Calibration Files
1 =OX02S1.D 2 =OX03S2.D 5 =OX04S5.D
10 =OX05S10.D 20 =OX06S20.D

		Compound	1	2	5	10	20	Avg	%RSD
1)		ISTD bromochlorometha	---ISTD---						
2)		Propene	1.024	0.945	1.017	1.119	1.190	1.059	9.04
3)		dichlorodifluorometha	7.153	7.231	7.585	7.477	7.999	7.489	4.48
4)		chloromethane	2.134	1.928	2.037	2.032	2.167	2.060	4.59
5)		freon 114	6.858	6.721	7.144	6.789	7.468	6.996	4.42
6)		vinyl chloride	2.009	1.930	2.086	2.045	2.286	2.071	6.42
7)		1,3-Butadiene	1.232	1.221	1.283	1.272	1.465	1.295	7.63
8)		bromomethane	2.566	2.544	2.721	2.492	2.969	2.659	7.28
9)		chloroethane	1.025	1.032	1.001	0.984	1.186	1.046	7.70
10)		trichlorofluoromethan	7.793	7.831	8.071	7.797	8.387	7.976	3.23
11)		freon 113	4.827	4.493	4.592	4.351	5.191	4.691	7.02
12)		1,1-dichloroethene	1.755	1.586	1.644	1.640	2.076	1.740	11.36
13)		acetone	5.328	4.679	3.813	3.715	4.237	4.355	15.27
14)		carbon disulfide	5.839	6.044	6.644	6.329	6.875	6.346	6.67
15)		methylene chloride	2.886	2.277	2.217	2.227	2.976	2.517	15.10
16)		trans-1,2-dichloroeth	1.574	1.726	1.766	1.918	1.932	1.783	8.30
17)		methyl t-butyl ether	3.323	3.862	4.056	4.075	4.336	3.931	9.64
18)		vinyl acetate	4.343	5.494	5.827	5.743	5.858	5.453	11.67
19)		2-butanone	3.026	3.557	3.127	3.379	3.481	3.314	6.89
20)		cis-1,2-dichloroethen	1.428	1.509	1.689	1.716	1.880	1.644	10.87
21)		1,1-dichloroethane	3.053	3.348	3.465	3.323	3.562	3.350	5.72
22)		Ethyl Acetate	0.411	0.436	0.447	0.506	0.470	0.454	7.88
23)		Hexane	1.782	1.976	2.009	1.935	1.827	1.906	5.12
24)		chloroform	4.455	4.636	4.728	4.693	4.930	4.689	3.65
25)		Tetrahydrofuran	0.923	1.288	1.300	1.401	1.622	1.307	19.36
26)		1,2-dichloroethane	2.964	3.075	3.112	3.066	3.578	3.159	7.61
27)	I	ISTD 1,4-difluorobenz	---ISTD---						
28)		1,1,1-trichloroethane	1.014	1.133	1.143	1.095	1.124	1.102	4.73
29)		carbon tetrachloride	1.128	1.195	1.256	1.211	1.208	1.200	3.85
30)		benzene	0.834	1.048	0.996	0.917	0.874	0.934	9.42
31)		Cyclohexane	0.510	0.448	0.408	0.396	0.381	0.429	12.12
32)		trichloroethene	0.413	0.442	0.486	0.480	0.456	0.456	6.55
33)		1,2-dichloropropane	0.385	0.372	0.390	0.350	0.367	0.373	4.23
34)		bromodichloromethane	1.046	1.109	1.207	1.185	1.179	1.145	5.83
35)		Heptane	0.252	0.292	0.306	0.276	0.272	0.280	7.31
36)		cis-1,3-dichloroprope	0.417	0.531	0.613	0.623	0.665	0.570	17.27
37)		4-methyl-2-pentanone	0.582	0.775	0.649	0.579	0.673	0.651	12.34
38)		trans-1,3-dichloropro	0.412	0.498	0.551	0.577	0.629	0.534	15.49
39)		1,1,2-trichloroethane	0.436	0.513	0.489	0.461	0.476	0.475	6.08
40)	I	ISTD chlorobenzene-d5	---ISTD---						
41)		toluene	1.137	1.393	1.331	1.425	1.389	1.335	8.68

(#) = Out of Range

Response Factor Report 5972-O

Method : J:\O\METHODS\T15ORTI2.M (RTE Integrator)
Title : TO15 VOA COMPOUND LIST
Last Update : Fri Oct 14 12:07:05 2011
Response via : Initial Calibration

Calibration Files
1 =OX02S1.D 2 =OX03S2.D 5 =OX04S5.D
10 =OX05S10.D 20 =OX06S20.D

		Compound	1	2	5	10	20	Avg	%RSD
42)		2-hexanone	0.663	0.850	0.666	0.774	0.816	0.754	11.38
43)		tetrachloroethene	0.909	0.928	0.591	0.632	0.626	0.737	22.58
44)		dibromochloromethane	1.387	1.353	1.335	1.381	1.452	1.382	3.21
45)		1,2-dibromoethane	0.976	1.036	1.014	1.029	1.111	1.033	4.76
46)		chlorobenzene	1.030	1.048	0.955	0.914	0.965	0.983	5.63
47)		ethyl benzene	0.335	0.415	0.384	0.413	0.452	0.400	10.86
48)		m,p-xylene	0.461	0.541	0.526	0.507	0.530	0.513	6.19
49)		o-xylene	0.437	0.519	0.475	0.476	0.490	0.479	6.22
50)		Xylene (total)	1.282	1.471	1.357	1.356	1.459	1.385	5.72
51)		styrene	0.575	0.673	0.695	0.756	0.848	0.709	14.26
52)		bromoform	1.940	1.938	1.134	1.155	1.236	1.480	28.39
53)		1,1,2,2-tetrachloroet	1.396	1.334	0.924	0.881	0.871	1.081	24.12
54)	S	Bromofluorobenzene	0.719	0.657	0.697	0.683	0.761	0.703	5.58
55)		4-ethyl toluene	1.108	1.326	1.137	1.143	1.538	1.250	14.59
56)		1,3,5-trimethylbenzen	1.218	1.239	1.056	1.065	1.319	1.180	9.74
57)		1,2,4-trimethylbenzen	1.129	1.191	0.887	0.937	1.263	1.081	15.05
58)		m-dichlorobenzene	1.164	1.095	0.679	0.699	0.736	0.875	26.84
59)		p-dichlorobenzene	1.061	1.061	0.689	0.662	0.718	0.838	24.39
60)		Benzyl Chloride	1.406	1.530	1.001	1.036	1.156	1.226	18.97
61)		o-dichlorobenzene	0.968	0.876	0.571	0.566	0.662	0.728	25.22
62)		1,2,4-trichlorobenzen	0.346	0.461	0.238	0.331	0.374	0.350	22.92
63)		Naphthalene	0.501	0.745	0.367	0.577	0.645	0.567	25.29
64)		hexachloro-1,3-butadi	0.813	0.924	0.454	0.506	0.486	0.637	33.95

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : J:\O\2011\OCT11O\11OCT11O\OX07ICV.D
Acq Time : 10/11/2011 13:09 Operator: LMR
Sample : 10.0 PPB ICV Inst : 5972-O
Misc : 105IS30934 Multiplr: 1.00

Method : J:\O\METHODS\T15ORTI2.M (RTE Integrator)
Title : TO15 VOA COMPOUND LIST
Last Update : Fri Oct 14 12:07:05 2011
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		ISTD bromochloromethane	1.000	1.000	0.0	111	0.00
2		Propene	1.059	1.100	-3.9	109	0.01
3		dichlorodifluoromethane	7.489	6.849	8.5	101	0.00
4		chloromethane	2.060	1.851	10.1	101	0.00
5		freon 114	6.996	6.391	8.6	104	0.00
6		vinyl chloride	2.071	1.827	11.8	99	0.01
7		1,3-Butadiene	1.295	1.185	8.5	103	0.00
8		bromomethane	2.659	2.407	9.5	107	0.00
9		chloroethane	1.046	0.929	11.2	105	0.00
10		trichlorofluoromethane	7.976	7.065	11.4	100	0.01
11		freon 113	4.691	4.383	6.6	112	0.00
12		1,1-dichloroethene	1.740	1.583	9.0	107	0.00
13		acetone	4.355	3.443	20.9	103	0.00
14		carbon disulfide	6.346	5.904	7.0	103	0.00
15		methylene chloride	2.517	2.302	8.5	115	0.00
16		trans-1,2-dichloroethene	1.783	1.746	2.1	101	0.00
17		methyl t-butyl ether	3.931	3.805	3.2	103	0.00
18		vinyl acetate	5.453	5.260	3.5	101	0.00
19		2-butanone	3.314	3.142	5.2	103	0.00
20		cis-1,2-dichloroethene	1.644	1.603	2.5	104	0.00
21		1,1-dichloroethane	3.350	3.008	10.2	100	0.00
22		Ethyl Acetate	0.454	0.395	13.0	87	0.00
23		Hexane	1.906	1.774	6.9	102	0.00
24		chloroform	4.689	4.187	10.7	99	0.00
25		Tetrahydrofuran	1.307	1.392	-6.5	110	0.00
26		1,2-dichloroethane	3.159	2.853	9.7	103	0.00
27	I	ISTD 1,4-difluorobenzene	1.000	1.000	0.0	111	0.00
28		1,1,1-trichloroethane	1.102	1.007	8.6	102	0.00
29		carbon tetrachloride	1.200	1.078	10.2	98	0.00
30		benzene	0.934	0.862	7.7	104	0.00
31		Cyclohexane	0.429	0.342	20.3	96	0.00
32		trichloroethene	0.456	0.434	4.8	100	0.00
33		1,2-dichloropropane	0.373	0.343	8.0	108	0.00
34		bromodichloromethane	1.145	1.004	12.3	94	0.00
35		Heptane	0.280	0.245	12.5	98	0.00
36		cis-1,3-dichloropropene	0.570	0.544	4.6	96	0.00
37		4-methyl-2-pentanone	0.651	0.715	-9.8	137	0.00
38		trans-1,3-dichloropropene	0.534	0.511	4.3	98	0.00
39		1,1,2-trichloroethane	0.475	0.417	12.2	100	0.00
40	I	ISTD chlorobenzene-d5	1.000	1.000	0.0	110	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : J:\O\2011\OCT11O\11OCT11O\OX07ICV.D
Acq Time : 10/11/2011 13:09 Operator: LMR
Sample : 10.0 PPB ICV Inst : 5972-O
Misc : 105IS30934 Multiplr: 1.00

Method : J:\O\METHODS\T15ORTI2.M (RTE Integrator)
Title : TO15 VOA COMPOUND LIST
Last Update : Fri Oct 14 12:07:05 2011
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		toluene	1.335	1.191	10.8	92	0.00
42		2-hexanone	0.754	0.810	-7.4	115	0.00
43		tetrachloroethene	0.737	0.535	27.4	93	0.00
44		dibromochloromethane	1.382	1.223	11.5	97	0.00
45		1,2-dibromoethane	1.033	0.925	10.5	99	0.00
46		chlorobenzene	0.983	0.817	16.9	98	0.00
47		ethyl benzene	0.400	0.377	5.8	100	0.00
48		m,p-xylene	0.513	0.440	14.2	95	0.00
49		o-xylene	0.479	0.437	8.8	101	0.00
50		Xylene (total)	1.385	1.195	13.7	97	0.00
51		styrene	0.709	0.679	4.2	99	0.00
52		bromoform	1.480	1.024	30.8#	97	0.00
53		1,1,2,2-tetrachloroethane	1.081	0.850	21.4	106	0.00
54	S	Bromofluorobenzene	0.703	0.700	0.4	112	0.00
55		4-ethyl toluene	1.250	1.201	3.9	115	0.00
56		1,3,5-trimethylbenzene	1.180	1.077	8.7	111	0.00
57		1,2,4-trimethylbenzene	1.081	0.880	18.6	103	0.00
58		m-dichlorobenzene	0.875	0.611	30.2#	96	0.00
59		p-dichlorobenzene	0.838	0.659	21.4	109	0.00
60		Benzyl Chloride	1.226	0.976	20.4	103	0.00
61		o-dichlorobenzene	0.728	0.578	20.6	112	0.00
62		1,2,4-trichlorobenzene	0.350	0.303	13.4	100	0.00
63		Naphthalene	0.567	0.535	5.6	102	0.00
64		hexachloro-1,3-butadiene	0.637	0.461	27.6	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : J:\O\2011\OCT11O\11OCT11O\OX05S10.D
Acq Time : 10/11/2011 10:42 Operator: LMR
Sample : 10.0 PPB INITIAL CAL. STD. Inst : 5972-O
Misc : 105IS30940 Multiplr: 1.00

Method : J:\O\METHODS\T15ORTI2.M (RTE Integrator)
Title : TO15 VOA COMPOUND LIST
Last Update : Fri Oct 14 12:07:05 2011
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		ISTD bromochloromethane	1.000	1.000	0.0	100	0.00
2		Propene	1.059	1.119	-5.7	100	0.00
3		dichlorodifluoromethane	7.489	7.477	0.2	100	0.00
4		chloromethane	2.060	2.032	1.4	100	0.00
5		freon 114	6.996	6.789	3.0	100	0.00
6		vinyl chloride	2.071	2.045	1.3	100	0.00
7		1,3-Butadiene	1.295	1.272	1.8	100	0.00
8		bromomethane	2.659	2.492	6.3	100	0.00
9		chloroethane	1.046	0.984	5.9	100	0.00
10		trichlorofluoromethane	7.976	7.797	2.2	100	0.00
11		freon 113	4.691	4.351	7.2	100	0.00
12		1,1-dichloroethene	1.740	1.640	5.7	100	0.00
13		acetone	4.355	3.715	14.7	100	0.00
14		carbon disulfide	6.346	6.329	0.3	100	0.00
15		methylene chloride	2.517	2.227	11.5	100	0.00
16		trans-1,2-dichloroethene	1.783	1.918	-7.6	100	0.00
17		methyl t-butyl ether	3.931	4.075	-3.7	100	0.00
18		vinyl acetate	5.453	5.743	-5.3	100	0.00
19		2-butanone	3.314	3.379	-2.0	100	0.00
20		cis-1,2-dichloroethene	1.644	1.716	-4.4	100	0.00
21		1,1-dichloroethane	3.350	3.323	0.8	100	0.00
22		Ethyl Acetate	0.454	0.506	-11.5	100	0.00
23		Hexane	1.906	1.935	-1.5	100	0.00
24		chloroform	4.689	4.693	-0.1	100	0.00
25		Tetrahydrofuran	1.307	1.401	-7.2	100	0.00
26		1,2-dichloroethane	3.159	3.066	2.9	100	0.00
27	I	ISTD 1,4-difluorobenzene	1.000	1.000	0.0	100	0.00
28		1,1,1-trichloroethane	1.102	1.095	0.6	100	0.00
29		carbon tetrachloride	1.200	1.211	-0.9	100	0.00
30		benzene	0.934	0.917	1.8	100	0.00
31		Cyclohexane	0.429	0.396	7.7	100	0.00
32		trichloroethene	0.456	0.480	-5.3	100	0.00
33		1,2-dichloropropane	0.373	0.350	6.2	100	0.00
34		bromodichloromethane	1.145	1.185	-3.5	100	0.00
35		Heptane	0.280	0.276	1.4	100	0.00
36		cis-1,3-dichloropropene	0.570	0.623	-9.3	100	0.00
37		4-methyl-2-pentanone	0.651	0.579	11.1	100	0.00
38		trans-1,3-dichloropropene	0.534	0.577	-8.1	100	0.00
39		1,1,2-trichloroethane	0.475	0.461	2.9	100	0.00
40	I	ISTD chlorobenzene-d5	1.000	1.000	0.0	100	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : J:\O\2011\OCT11O\11OCT11O\OX05S10.D
Acq Time : 10/11/2011 10:42 Operator: LMR
Sample : 10.0 PPB INITIAL CAL. STD. Inst : 5972-O
Misc : 105IS30940 Multiplr: 1.00

Method : J:\O\METHODS\T15ORTI2.M (RTE Integrator)
Title : TO15 VOA COMPOUND LIST
Last Update : Fri Oct 14 12:07:05 2011
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		toluene	1.335	1.425	-6.7	100	0.00
42		2-hexanone	0.754	0.774	-2.7	100	0.00
43		tetrachloroethene	0.737	0.632	14.2	100	0.00
44		dibromochloromethane	1.382	1.381	0.1	100	0.00
45		1,2-dibromoethane	1.033	1.029	0.4	100	0.00
46		chlorobenzene	0.983	0.914	7.0	100	0.00
47		ethyl benzene	0.400	0.413	-3.2	100	0.00
48		m,p-xylene	0.513	0.507	1.2	100	0.00
49		o-xylene	0.479	0.476	0.6	100	0.00
50		Xylene (total)	1.385	1.356	2.1	100	0.00
51		styrene	0.709	0.756	-6.6	100	0.00
52		bromoform	1.480	1.155	22.0	100	0.00
53		1,1,2,2-tetrachloroethane	1.081	0.881	18.5	100	0.00
54	S	Bromofluorobenzene	0.703	0.683	2.8	100	0.00
55		4-ethyl toluene	1.250	1.143	8.6	100	0.00
56		1,3,5-trimethylbenzene	1.180	1.065	9.7	100	0.00
57		1,2,4-trimethylbenzene	1.081	0.937	13.3	100	0.00
58		m-dichlorobenzene	0.875	0.699	20.1	100	0.00
59		p-dichlorobenzene	0.838	0.662	21.0	100	0.00
60		Benzyl Chloride	1.226	1.036	15.5	100	0.00
61		o-dichlorobenzene	0.728	0.566	22.3	100	0.00
62		1,2,4-trichlorobenzene	0.350	0.331	5.4	100	0.00
63		Naphthalene	0.567	0.577	-1.8	100	0.00
64		hexachloro-1,3-butadiene	0.637	0.506	20.6	100	0.00

Evaluate Continuing Calibration Report

Data File : J:\O\2011\OCT11O\13OCT11O\OX29CCS.D
Acq Time : 10/13/2011 09:22 Operator: LMR
Sample : QC- Inst : 5972-O
Misc : 105IS30941 Multiplr: 1.00

Method : J:\O\METHODS\T15ORTI2.M (RTE Integrator)
Title : TO15 VOA COMPOUND LIST
Last Update : Fri Oct 14 12:07:05 2011
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		ISTD bromochloromethane	1.000	1.000	0.0	107	0.00
2		Propene	1.059	1.236	-16.7	118	0.00
3		dichlorodifluoromethane	7.489	7.623	-1.8	109	0.00
4		chloromethane	2.060	2.177	-5.7	115	0.00
5		freon 114	6.996	6.720	3.9	106	0.00
6		vinyl chloride	2.071	2.219	-7.1	116	0.00
7		1,3-Butadiene	1.295	1.405	-8.5	118	0.00
8		bromomethane	2.659	2.702	-1.6	116	0.00
9		chloroethane	1.046	1.055	-0.9	115	0.00
10		trichlorofluoromethane	7.976	7.837	1.7	108	0.00
11		freon 113	4.691	4.817	-2.7	119	0.00
12		1,1-dichloroethene	1.740	1.787	-2.7	117	0.00
13		acetone	4.355	3.917	10.1	113	-0.01
14		carbon disulfide	6.346	6.947	-9.5	117	0.00
15		methylene chloride	2.517	2.526	-0.4	121	0.00
16		trans-1,2-dichloroethene	1.783	1.989	-11.6	111	-0.01
17		methyl t-butyl ether	3.931	4.169	-6.1	110	-0.01
18		vinyl acetate	5.453	6.189	-13.5	115	-0.01
19		2-butanone	3.314	3.666	-10.6	116	-0.01
20		cis-1,2-dichloroethene	1.644	1.957	-19.0	122	-0.01
21		1,1-dichloroethane	3.350	3.623	-8.1	117	-0.01
22		Ethyl Acetate	0.454	0.494	-8.8	105	-0.01
23		Hexane	1.906	2.222	-16.6	123	-0.01
24		chloroform	4.689	4.918	-4.9	112	0.00
25		Tetrahydrofuran	1.307	1.605	-22.8	123	-0.01
26		1,2-dichloroethane	3.159	3.346	-5.9	117	-0.01
27	I	ISTD 1,4-difluorobenzene	1.000	1.000	0.0	104	-0.01
28		1,1,1-trichloroethane	1.102	1.176	-6.7	112	0.00
29		carbon tetrachloride	1.200	1.230	-2.5	106	-0.01
30		benzene	0.934	1.099	-17.7	125	-0.01
31		Cyclohexane	0.429	0.416	3.0	109	-0.01
32		trichloroethene	0.456	0.526	-15.4	114	-0.01
33		1,2-dichloropropane	0.373	0.432	-15.8	128	-0.01
34		bromodichloromethane	1.145	1.227	-7.2	108	-0.01
35		Heptane	0.280	0.322	-15.0	121	-0.01
36		cis-1,3-dichloropropene	0.570	0.678	-18.9	113	0.00
37		4-methyl-2-pentanone	0.651	0.737	-13.2	132	-0.01
38		trans-1,3-dichloropropene	0.534	0.628	-17.6	113	0.00
39		1,1,2-trichloroethane	0.475	0.520	-9.5	117	-0.01
40	I	ISTD chlorobenzene-d5	1.000	1.000	0.0	111	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : J:\O\2011\OCT11O\13OCT11O\OX29CCS.D
Acq Time : 10/13/2011 09:22 Operator: LMR
Sample : QC- Inst : 5972-O
Misc : 105IS30941 Multiplr: 1.00

Method : J:\O\METHODS\T15ORTI2.M (RTE Integrator)
Title : TO15 VOA COMPOUND LIST
Last Update : Fri Oct 14 12:07:05 2011
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		toluene	1.335	1.450	-8.6	113	-0.01
42		2-hexanone	0.754	0.768	-1.9	110	-0.01
43		tetrachloroethene	0.737	0.622	15.6	109	-0.01
44		dibromochloromethane	1.382	1.379	0.2	111	0.00
45		1,2-dibromoethane	1.033	1.091	-5.6	118	-0.01
46		chlorobenzene	0.983	0.973	1.0	118	0.00
47		ethyl benzene	0.400	0.452	-13.0	122	-0.01
48		m,p-xylene	0.513	0.545	-6.2	119	-0.01
49		o-xylene	0.479	0.543	-13.4	127	-0.01
50		Xylene (total)	1.385	1.464	-5.7	120	-0.01
51		styrene	0.709	0.821	-15.8	121	-0.01
52		bromoform	1.480	1.216	17.8	117	-0.01
53		1,1,2,2-tetrachloroethane	1.081	0.989	8.5	125	0.00
54	S	Bromofluorobenzene	0.703	0.713	-1.4	116	-0.01
55		4-ethyl toluene	1.250	1.330	-6.4	129	-0.01
56		1,3,5-trimethylbenzene	1.180	1.198	-1.5	125	-0.01
57		1,2,4-trimethylbenzene	1.081	1.094	-1.2	130	-0.01
58		m-dichlorobenzene	0.875	0.731	16.5	116	-0.01
59		p-dichlorobenzene	0.838	0.715	14.7	120	-0.01
60		Benzyl Chloride	1.226	1.049	14.4	112	-0.01
61		o-dichlorobenzene	0.728	0.645	11.4	127	-0.01
62		1,2,4-trichlorobenzene	0.350	0.339	3.1	113	0.00
63		Naphthalene	0.567	0.605	-6.7	116	0.00
64		hexachloro-1,3-butadiene	0.637	0.456	28.4	100	0.00

Evaluate Continuing Calibration Report

Data File : J:\O\2011\OCT11O\14OCT11O\OX55CCS.D
Acq Time : 10/14/2011 09:56 Operator: LMR
Sample : QC- Inst : 5972-O
Misc : 105IS30941 Multiplr: 1.00

Method : J:\O\METHODS\T15ORTI2.M (RTE Integrator)
Title : TO15 VOA COMPOUND LIST
Last Update : Fri Oct 14 12:07:05 2011
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		ISTD bromochloromethane	1.000	1.000	0.0	114	0.00
2		Propene	1.059	1.212	-14.4	123	0.00
3		dichlorodifluoromethane	7.489	7.429	0.8	113	0.00
4		chloromethane	2.060	2.290	-11.2	128	0.00
5		freon 114	6.996	7.124	-1.8	119	-0.02
6		vinyl chloride	2.071	2.246	-8.5	125	0.00
7		1,3-Butadiene	1.295	1.494	-15.4	134	0.00
8		bromomethane	2.659	2.759	-3.8	126	0.00
9		chloroethane	1.046	1.118	-6.9	129	0.00
10		trichlorofluoromethane	7.976	7.573	5.1	111	0.00
11		freon 113	4.691	4.515	3.8	118	0.00
12		1,1-dichloroethene	1.740	1.724	0.9	120	-0.02
13		acetone	4.355	3.792	12.9	116	-0.02
14		carbon disulfide	6.346	6.889	-8.6	124	0.00
15		methylene chloride	2.517	2.384	5.3	122	0.00
16		trans-1,2-dichloroethene	1.783	2.099	-17.7	125	-0.02
17		methyl t-butyl ether	3.931	4.143	-5.4	116	-0.02
18		vinyl acetate	5.453	6.248	-14.6	124	0.00
19		2-butanone	3.314	3.723	-12.3	125	-0.02
20		cis-1,2-dichloroethene	1.644	2.007	-22.1	133	-0.02
21		1,1-dichloroethane	3.350	3.633	-8.4	124	-0.02
22		Ethyl Acetate	0.454	0.498	-9.7	112	-0.02
23		Hexane	1.906	2.113	-10.9	124	-0.02
24		chloroform	4.689	4.800	-2.4	116	0.00
25		Tetrahydrofuran	1.307	1.642	-25.6	133	-0.02
26		1,2-dichloroethane	3.159	3.114	1.4	116	-0.02
27	I	ISTD 1,4-difluorobenzene	1.000	1.000	0.0	115	-0.02
28		1,1,1-trichloroethane	1.102	1.073	2.6	113	0.00
29		carbon tetrachloride	1.200	1.163	3.1	110	0.00
30		benzene	0.934	1.057	-13.2	133	-0.02
31		Cyclohexane	0.429	0.423	1.4	123	-0.02
32		trichloroethene	0.456	0.524	-14.9	125	-0.02
33		1,2-dichloropropane	0.373	0.437	-17.2	144	0.00
34		bromodichloromethane	1.145	1.170	-2.2	114	-0.02
35		Heptane	0.280	0.309	-10.4	129	0.00
36		cis-1,3-dichloropropene	0.570	0.676	-18.6	125	0.00
37		4-methyl-2-pentanone	0.651	0.711	-9.2	141	-0.02
38		trans-1,3-dichloropropene	0.534	0.593	-11.0	118	0.00
39		1,1,2-trichloroethane	0.475	0.504	-6.1	126	-0.02
40	I	ISTD chlorobenzene-d5	1.000	1.000	0.0	121	0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : J:\O\2011\OCT11O\14OCT11O\OX55CCS.D
Acq Time : 10/14/2011 09:56 Operator: LMR
Sample : QC- Inst : 5972-O
Misc : 105IS30941 Multiplr: 1.00

Method : J:\O\METHODS\T15ORTI2.M (RTE Integrator)
Title : TO15 VOA COMPOUND LIST
Last Update : Fri Oct 14 12:07:05 2011
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		toluene	1.335	1.431	-7.2	121	-0.02
42		2-hexanone	0.754	0.776	-2.9	121	-0.02
43		tetrachloroethene	0.737	0.636	13.7	122	-0.02
44		dibromochloromethane	1.382	1.341	3.0	117	0.00
45		1,2-dibromoethane	1.033	1.066	-3.2	125	-0.02
46		chlorobenzene	0.983	0.974	0.9	129	0.00
47		ethyl benzene	0.400	0.452	-13.0	132	-0.02
48		m,p-xylene	0.513	0.527	-2.7	126	0.00
49		o-xylene	0.479	0.527	-10.0	134	-0.02
50		Xylene (total)	1.385	1.378	0.5	123	-0.02
51		styrene	0.709	0.810	-14.2	129	-0.02
52		bromoform	1.480	1.135	23.3	119	0.00
53		1,1,2,2-tetrachloroethane	1.081	0.973	10.0	133	0.00
54	S	Bromofluorobenzene	0.703	0.638	9.2	113	-0.02
55		4-ethyl toluene	1.250	1.217	2.6	129	0.00
56		1,3,5-trimethylbenzene	1.180	1.108	6.1	126	-0.02
57		1,2,4-trimethylbenzene	1.081	1.033	4.4	133	-0.02
58		m-dichlorobenzene	0.875	0.678	22.5	117	-0.02
59		p-dichlorobenzene	0.838	0.702	16.2	128	-0.02
60		Benzyl Chloride	1.226	0.977	20.3	114	0.00
61		o-dichlorobenzene	0.728	0.581	20.2	124	-0.02
62		1,2,4-trichlorobenzene	0.350	0.374	-6.9	136	0.00
63		Naphthalene	0.567	0.709	-25.0	148	0.00
64		hexachloro-1,3-butadiene	0.637	0.484	24.0	116	0.00

Evaluate Continuing Calibration Report

Data File : J:\O\2011\OCT11O\17OCT11O\OX78LCS.D
Acq Time : 10/17/2011 08:35 Operator: LMR
Sample : QC- Inst : 5972-O
Misc : 105IS30941 Multiplr: 1.00

Method : J:\O\METHODS\T15ORTI2.M (RTE Integrator)
Title : TO15 VOA COMPOUND LIST
Last Update : Fri Oct 14 12:07:05 2011
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		ISTD bromochloromethane	1.000	1.000	0.0	127	-0.03
2		Propene	1.059	1.289	-21.7	147	-0.02
3		dichlorodifluoromethane	7.489	7.272	2.9	124	-0.03
4		chloromethane	2.060	2.148	-4.3	135	-0.03
5		freon 114	6.996	6.672	4.6	125	-0.03
6		vinyl chloride	2.071	2.146	-3.6	134	-0.03
7		1,3-Butadiene	1.295	1.370	-5.8	137	-0.03
8		bromomethane	2.659	2.586	2.7	132	-0.03
9		chloroethane	1.046	1.022	2.3	132	-0.03
10		trichlorofluoromethane	7.976	7.083	11.2	116	-0.03
11		freon 113	4.691	4.209	10.3	123	-0.03
12		1,1-dichloroethene	1.740	1.644	5.5	128	-0.03
13		acetone	4.355	3.584	17.7	123	-0.03
14		carbon disulfide	6.346	6.799	-7.1	137	-0.03
15		methylene chloride	2.517	2.158	14.3	123	-0.03
16		trans-1,2-dichloroethene	1.783	2.039	-14.4	135	-0.03
17		methyl t-butyl ether	3.931	4.268	-8.6	133	-0.03
18		vinyl acetate	5.453	6.328	-16.0	140	-0.03
19		2-butanone	3.314	3.556	-7.3	134	-0.03
20		cis-1,2-dichloroethene	1.644	1.875	-14.1	139	-0.04
21		1,1-dichloroethane	3.350	3.546	-5.9	136	-0.03
22		Ethyl Acetate	0.454	0.534	-17.6	134	-0.03
23		Hexane	1.906	2.155	-13.1	142	-0.03
24		chloroform	4.689	4.445	5.2	121	-0.03
25		Tetrahydrofuran	1.307	1.547	-18.4	141	-0.04
26		1,2-dichloroethane	3.159	3.071	2.8	128	-0.03
27	I	ISTD 1,4-difluorobenzene	1.000	1.000	0.0	117	-0.03
28		1,1,1-trichloroethane	1.102	1.147	-4.1	122	-0.03
29		carbon tetrachloride	1.200	1.214	-1.2	117	-0.03
30		benzene	0.934	1.110	-18.8	141	-0.03
31		Cyclohexane	0.429	0.388	9.6	114	-0.03
32		trichloroethene	0.456	0.541	-18.6	131	-0.03
33		1,2-dichloropropane	0.373	0.432	-15.8	144	-0.03
34		bromodichloromethane	1.145	1.249	-9.1	123	-0.03
35		Heptane	0.280	0.327	-16.8	138	-0.03
36		cis-1,3-dichloropropene	0.570	0.673	-18.1	126	-0.02
37		4-methyl-2-pentanone	0.651	0.735	-12.9	148	-0.04
38		trans-1,3-dichloropropene	0.534	0.638	-19.5	129	-0.02
39		1,1,2-trichloroethane	0.475	0.512	-7.8	129	-0.03
40	I	ISTD chlorobenzene-d5	1.000	1.000	0.0	125	0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : J:\O\2011\OCT11O\17OCT11O\OX78LCS.D
Acq Time : 10/17/2011 08:35 Operator: LMR
Sample : QC- Inst : 5972-O
Misc : 105IS30941 Multiplr: 1.00

Method : J:\O\METHODS\T15ORTI2.M (RTE Integrator)
Title : TO15 VOA COMPOUND LIST
Last Update : Fri Oct 14 12:07:05 2011
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		toluene	1.335	1.372	-2.8	120	-0.03
42		2-hexanone	0.754	0.791	-4.9	128	-0.03
43		tetrachloroethene	0.737	0.639	13.3	127	-0.03
44		dibromochloromethane	1.382	1.376	0.4	125	-0.02
45		1,2-dibromoethane	1.033	1.083	-4.8	131	-0.03
46		chlorobenzene	0.983	0.958	2.5	131	-0.02
47		ethyl benzene	0.400	0.456	-14.0	138	-0.03
48		m,p-xylene	0.513	0.517	-0.8	127	-0.03
49		o-xylene	0.479	0.511	-6.7	134	-0.03
50		Xylene (total)	1.385	1.368	1.2	126	-0.03
51		styrene	0.709	0.827	-16.6	137	-0.03
52		bromoform	1.480	1.129	23.7	122	-0.03
53		1,1,2,2-tetrachloroethane	1.081	0.921	14.8	131	-0.02
54	S	Bromofluorobenzene	0.703	0.664	5.5	121	-0.03
55		4-ethyl toluene	1.250	1.296	-3.7	142	-0.02
56		1,3,5-trimethylbenzene	1.180	1.094	7.3	128	-0.03
57		1,2,4-trimethylbenzene	1.081	1.035	4.3	138	-0.03
58		m-dichlorobenzene	0.875	0.676	22.7	121	-0.03
59		p-dichlorobenzene	0.838	0.671	19.9	127	-0.03
60		Benzyl Chloride	1.226	1.011	17.5	122	-0.02
61		o-dichlorobenzene	0.728	0.591	18.8	131	-0.03
62		1,2,4-trichlorobenzene	0.350	0.380	-8.6	143	-0.02
63		Naphthalene	0.567	0.716	-26.3	155	-0.02
64		hexachloro-1,3-butadiene	0.637	0.461	27.6	114	-0.02