Evaluate Continuing Calibration Report

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\
Data File : VX001819.D
Acq On : 18 May 2018 10:29
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: May 18 14:13:38 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 10:06:03 2018
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	99	0.00
2	M	Dichlorodifluoromethane	20.000	34.143	-70.7#	168	0.00
3	M	Chloromethane	20.000	21.171	-5.9	107	0.00
4	M	Vinyl Chloride	20.000	23.593	-18.0	118	0.00
5	M	Bromomethane	20.000	22.365	-11.8	105	0.00
6	M	Chloroethane	20.000	21.877	-9.4	111	0.00
7	M	Trichlorofluoromethane	20.000	29.832	-49.2#	148	0.00
8	T	Diethyl Ether	20.000	19.732	1.3	100	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	32.658	-63.3#	167	0.00
10	M	1,1-Dichloroethene	20.000	24.952	-24.8	127	0.00
11		Methyl Iodide	20.000	20.670	-3.4	107	0.00
12		Methyl Acetate	20.000	19.605	2.0	98	0.00
13	M	Acrolein	100.000	90.061	9.9	93	0.00
14	M	Acrylonitrile	100.000	96.099	3.9	97	0.00
15	M	Acetone	100.000	97.428	2.6	98	0.00
16	M	Carbon Disulfide	20.000	24.025	-20.1	125	0.00
17		Allyl chloride	20.000	20.557	-2.8	105	0.00
18	M	Methylene Chloride	20.000	19.991	0.0	102	0.00
19	M	trans-1,2-Dichloroethene	20.000	22.323	-11.6	113	0.00
20	T	Diisopropyl ether	20.000	20.151	-0.8	102	0.00
21	M	1,1-Dichloroethane	20.000	20.995	-5.0	106	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.934	-4.7	106	0.00
23	M	tert-Butyl Alcohol	100.000	98.736	1.3	101	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.687	1.6	99	0.00
25	M	Chloroform	20.000	20.820	-4.1	105	0.00
26		Cyclohexane	20.000	33.521	-67.6#	167	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.710	1.0	98	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	115	0.00
29		1,1-Dichloropropene	20.000	23.416	-17.1	136	0.00
30	M	2-Butanone	100.000	85.305	14.7	98	0.00
31		2,2-Dichloropropane	20.000	15.414	22.9	92	0.00
32	M	1,1,1-Trichloroethane	20.000	21.170	-5.9	124	0.00
33	M	Carbon Tetrachloride	20.000	23.529	-17.6	137	0.00
34	M	Benzene	20.000	19.319	3.4	112	0.00
35		Methacrylonitrile	20.000	17.156	14.2	99	0.00
36	M	1,2-Dichloroethane	20.000	17.896	10.5	102	0.00
37	M	Trichloroethene	20.000	20.933	-4.7	123	0.00
38		Methylcyclohexane	20.000	30.669	-53.3#	177	0.00
39	M	1,2-Dichloropropane	20.000	18.080	9.6	106	0.00
40		Dibromomethane	20.000	17.856	10.7	103	0.00
41	M	Bromodichloromethane	20.000	18.014	9.9	105	0.00
42	M	Vinyl Acetate	100.000	83.215	16.8	101	0.00
43		Ethyl Acetate	20.000	17.215	13.9	100	0.00
44		Isopropyl Acetate	20.000	17.513	12.4	101	0.00
45	T	1,4-Dioxane	400.000	357.501	10.6	106	0.00

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	17.487	12.6	100	0.00
47		n-amyl Acetate	20.000	17.939	10.3	103	0.00
48	M	t-1,3-Dichloropropene	20.000	17.819	10.9	104	0.00
49	T	cis-1,3-Dichloropropene	20.000	17.296	13.5	102	0.00
50	M	1,1,2-Trichloroethane	20.000	17.468	12.7	101	0.00
51		Ethyl methacrylate	20.000	17.691	11.5	104	0.00
52		1,3-Dichloropropane	20.000	18.015	9.9	103	0.00
53	M	Dibromochloromethane	20.000	17.943	10.3	105	0.00
54	M	1,2-Dibromoethane	20.000	17.591	12.0	101	0.00
55	M	2-Chloroethyl vinyl ether	100.000	88.706	11.3	100	0.00
56	M	Bromoform	20.000	17.283	13.6	102	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	116	0.00
58	M	4-Methyl-2-Pentanone	100.000	86.349	13.7	99	0.00
59	M	2-Hexanone	100.000	85.410	14.6	98	0.00
60	S	4-Bromofluorobenzene	30.000	31.001	-3.3	121	0.00
61	M	Tetrachloroethene	20.000	23.865	-19.3	141	0.00
62	M	Toluene	20.000	20.832	-4.2	124	0.00
63	S	Toluene-d8	30.000	30.306	-1.0	117	0.00
64	M	Chlorobenzene	20.000	20.436	-2.2	121	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.787	6.1	109	0.00
66	M	Ethyl Benzene	20.000	23.079	-15.4	135	0.00
67	M	m/p-Xylenes	40.000	46.292	-15.7	135	0.00
68	M	o-Xylene	20.000	22.048	-10.2	130	0.00
69	M	Styrene	20.000	21.422	-7.1	124	0.00
70		Isopropylbenzene	20.000	24.984	-24.9	145	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	17.013	14.9	101	0.00
72		1,2,3-Trichloropropane	20.000	19.312	3.4	112	0.00
73		Bromobenzene	20.000	20.241	-1.2	121	0.00
74		n-propylbenzene	20.000	25.888	-29.4	149	0.00
75		2-Chlorotoluene	20.000	22.990	-14.9	134	0.00
76		1,3,5-Trimethylbenzene	20.000	25.016	-25.1	145	0.00
77		t-1,4-Dichloro-2-butene	20.000	15.899	20.5	97	0.00
78		4-Chlorotoluene	20.000	23.691	-18.5	138	0.00
79		tert-butylbenzene	20.000	27.321	-36.6#	159	0.00
80		1,2,4-Trimethylbenzene	20.000	24.685	-23.4	142	0.00
81		sec-Butylbenzene	20.000	27.156	-35.8#	158	0.00
82		p-Isopropyltoluene	20.000	27.321	-36.6#	159	0.00
83	M	1,3-Dichlorobenzene	20.000	22.728	-13.6	135	0.00
84	M	1,4-Dichlorobenzene	20.000	22.768	-13.8	135	0.00
85		n-Butylbenzene	20.000	28.066	-40.3#	166	0.00
86	T	Hexachloroethane	20.000	25.320	-26.6	152	0.00
87	M	1,2-Dichlorobenzene	20.000	21.456	-7.3	128	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	16.965	15.2	100	0.00
89		1,2,4-Trichlorobenzene	20.000	24.098	-20.5	143	0.00
90		Hexachlorobutadiene	20.000	26.482	-32.4#	156	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.181	-0.9	116	0.00
92	1,2,3-Trichlorobenzene	20.000	23.144	-15.7	135	0.00

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