Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX070618\
Data File : VX003210.D
Acq On : 06 Jul 2018 12:14
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Jul 06 12:31:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 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	114	0.00
2	M	Dichlorodifluoromethane	20.000	17.821	10.9	103	0.00
3	M	Chloromethane	20.000	16.215	18.9	90	0.00
4	M	Vinyl Chloride	20.000	16.547	17.3	93	0.00
5	M	Bromomethane	20.000	11.917	40.4#	68	0.00
6	M	Chloroethane	20.000	16.234	18.8	90	0.01
7	M	Trichlorofluoromethane	20.000	15.894	20.5	88	0.00
8	T	Diethyl Ether	20.000	18.204	9.0	102	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	16.862	15.7	96	0.00
10	M	1,1-Dichloroethene	20.000	16.753	16.2	94	0.00
11		Methyl Iodide	20.000	15.680	21.6	107	0.00
12		Methyl Acetate	20.000	21.859	-9.3	117	0.00
13	M	Acrolein	100.000	24.848	75.2#	33	0.00
14	M	Acrylonitrile	100.000	95.850	4.2	106	0.00
15	M	Acetone	100.000	90.859	9.1	96	-0.01
16	M	Carbon Disulfide	20.000	14.897	25.5	88	0.00
17		Allyl chloride	20.000	16.456	17.7	92	0.00
18	M	Methylene Chloride	20.000	19.790	1.1	111	0.00
19	M	trans-1,2-Dichloroethene	20.000	16.677	16.6	94	0.00
20	T	Diisopropyl ether	20.000	18.545	7.3	107	0.00
21	M	1,1-Dichloroethane	20.000	18.326	8.4	96	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.946	0.3	112	0.00
23	M	tert-Butyl Alcohol	100.000	99.349	0.7	106	-0.02
24	M	Methyl tert-Butyl Ether	20.000	17.889	10.6	100	0.00
25	M	Chloroform	20.000	19.912	0.4	110	0.00
26		Cyclohexane	20.000	17.720	11.4	100	0.00
27	s	1,2-Dichloroethane-d4	30.000	28.794	4.0	110	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29		1,1-Dichloropropene	20.000	18.978	5.1	103	0.00
30	M	2-Butanone	100.000	109.666	-9.7	117	0.00
31		2,2-Dichloropropane	20.000	19.461	2.7	105	0.00
32	M	1,1,1-Trichloroethane	20.000	19.952	0.2	108	0.00
33	M	Carbon Tetrachloride	20.000	19.565	2.2	110	0.00
34	M	Benzene	20.000	20.031	-0.2	108	0.00
35		Methacrylonitrile	20.000	21.577	-7.9	114	0.00
36	M	1,2-Dichloroethane	20.000	19.905	0.5	107	0.00
37	M	Trichloroethene	20.000	20.096	-0.5	110	0.00
38		Methylcyclohexane	20.000	17.765	11.2	99	0.00
39	M	1,2-Dichloropropane	20.000	20.134	-0.7	107	0.00
40		Dibromomethane	20.000	20.299	-1.5	110	0.00
41	M	Bromodichloromethane	20.000	20.004	-0.0	112	0.00
42	M	Vinyl Acetate	100.000	92.343	7.7	102	0.00
43		Ethyl Acetate	20.000	20.765	-3.8	110	0.00
44		Isopropyl Acetate	20.000	20.134	-0.7	110	0.00
45	T	1,4-Dioxane	400.000	473.227	-18.3	123	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	20.438	-2.2	110	0.00
47		n-amyl Acetate	20.000	18.212	8.9	104	0.00
48	M	t-1,3-Dichloropropene	20.000	19.567	2.2	109	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.633	1.8	114	0.00
50	M	1,1,2-Trichloroethane	20.000	21.414	-7.1	117	0.00
51		Ethyl methacrylate	20.000	19.882	0.6	111	0.00
52		1,3-Dichloropropane	20.000	20.907	-4.5	113	0.00
53	M	Dibromochloromethane	20.000	20.176	-0.9	118	0.00
54	M	1,2-Dibromoethane	20.000	20.240	-1.2	111	0.00
55	M	2-Chloroethyl vinyl ether	100.000	98.829	1.2	109	0.00
56	M	Bromoform	20.000	19.402	3.0	118	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	114	0.00
58	M	4-Methyl-2-Pentanone	100.000	104.575	-4.6	115	0.00
59	M	2-Hexanone	100.000	103.588	-3.6	114	0.00
60	S	4-Bromofluorobenzene	30.000	29.408	2.0	115	0.00
61	M	Tetrachloroethene	20.000	20.347	-1.7	113	0.00
62	M	Toluene	20.000	19.453	2.7	107	0.00
63	S	Toluene-d8	30.000	28.726	4.2	107	0.00
64	M	Chlorobenzene	20.000	20.116	-0.6	112	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.503	-2.5	116	0.00
66	M	Ethyl Benzene	20.000	18.979	5.1	105	0.00
67	M	m/p-Xylenes	40.000	38.003	5.0	107	0.00
68	M	o-Xylene	20.000	19.072	4.6	108	0.00
69	M	Styrene	20.000	19.265	3.7	111	0.00
70		Isopropylbenzene	20.000	18.986	5.1	107	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.454	-2.3	114	0.00
72		1,2,3-Trichloropropane	20.000	26.993	-35.0#	148	0.00
73		Bromobenzene	20.000	19.627	1.9	112	0.00
74		n-propylbenzene	20.000	18.594	7.0	105	0.00
75		2-Chlorotoluene	20.000	19.295	3.5	109	0.00
76		1,3,5-Trimethylbenzene	20.000	18.765	6.2	107	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.870	10.6	108	0.00
78		4-Chlorotoluene	20.000	19.033	4.8	111	0.00
79		tert-butylbenzene	20.000	18.258	8.7	104	0.00
80		1,2,4-Trimethylbenzene	20.000	18.723	6.4	106	0.00
81		sec-Butylbenzene	20.000	18.259	8.7	104	0.00
82		p-Isopropyltoluene	20.000	18.258	8.7	104	0.00
83	M	1,3-Dichlorobenzene	20.000	19.508	2.5	112	0.00
84	M	1,4-Dichlorobenzene	20.000	19.454	2.7	113	0.00
85		n-Butylbenzene	20.000	17.191	14.0	102	0.00
86	T	Hexachloroethane	20.000	17.402	13.0	106	0.00
87	M	1,2-Dichlorobenzene	20.000	19.924	0.4	114	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.724	1.4	119	0.00
89		1,2,4-Trichlorobenzene	20.000	19.268	3.7	111	0.00
90		Hexachlorobutadiene	20.000	18.035	9.8	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.759	1.2	113	0.00
92	1,2,3-Trichlorobenzene	20.000	19.713	1.4	114	0.00

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