Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032219\
Data File : VX008335.D
Acq On : 22 Mar 2019 13:19
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX032219

Quant Time: Mar 22 15:44:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 22 15:33:35 2019
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	161	0.00
2	M	Dichlorodifluoromethane	20.000	20.534	-2.7	164	0.00
3	M	Chloromethane	20.000	19.937	0.3	157	0.00
4	M	Vinyl Chloride	20.000	19.473	2.6	156	0.00
5	M	Bromomethane	20.000	20.372	-1.9	361	0.00
6	M	Chloroethane	20.000	16.543	17.3	139	0.00
7	M	Trichlorofluoromethane	20.000	18.767	6.2	154	0.00
8	T	Diethyl Ether	20.000	18.467	7.7	158	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.446	2.8	163	0.00
10	M	1,1-Dichloroethene	20.000	19.581	2.1	160	0.00
11		Methyl Iodide	20.000	18.062	9.7	152	0.00
12		Methyl Acetate	20.000	18.574	7.1	154	0.00
13	M	Acrolein	100.000	123.975	-24.0	191	0.00
14	M	Acrylonitrile	100.000	93.607	6.4	152	0.00
15	M	Acetone	100.000	84.383	15.6	119	0.00
16	M	Carbon Disulfide	20.000	19.859	0.7	162	0.00
17		Allyl chloride	20.000	19.140	4.3	160	0.00
18	M	Methylene Chloride	20.000	19.356	3.2	159	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.419	2.9	161	0.00
20	T	Diisopropyl ether	20.000	18.866	5.7	154	0.00
21	M	1,1-Dichloroethane	20.000	18.830	5.9	156	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.551	2.2	160	0.00
23	M	tert-Butyl Alcohol	100.000	93.485	6.5	152	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.310	3.5	159	0.00
25	M	Chloroform	20.000	19.083	4.6	158	-0.01
26		Cyclohexane	20.000	19.866	0.7	165	-0.01
27	s	1,2-Dichloroethane-d4	30.000	29.646	1.2	159	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	164	0.00
29		1,1-Dichloropropene	20.000	19.269	3.7	161	0.00
30	M	2-Butanone	100.000	87.527	12.5	134	0.00
31		2,2-Dichloropropane	20.000	19.219	3.9	164	-0.01
32	M	1,1,1-Trichloroethane	20.000	19.173	4.1	160	0.00
33	M	Carbon Tetrachloride	20.000	18.922	5.4	159	0.00
34	M	Benzene	20.000	19.042	4.8	157	0.00
35		Methacrylonitrile	20.000	18.216	8.9	151	-0.01
36	M	1,2-Dichloroethane	20.000	18.981	5.1	157	0.00
37	M	Trichloroethene	20.000	19.213	3.9	160	0.00
38		Methylcyclohexane	20.000	19.970	0.2	170	0.00
39	M	1,2-Dichloropropane	20.000	19.150	4.3	154	0.00
40		Dibromomethane	20.000	19.025	4.9	156	0.00
41	M	Bromodichloromethane	20.000	18.857	5.7	157	0.00
42	M	Vinyl Acetate	100.000	93.888	6.1	156	0.00
43		Ethyl Acetate	20.000	18.146	9.3	152	0.00
44		Isopropyl Acetate	20.000	18.491	7.5	155	0.00
45	T	1,4-Dioxane	400.000	369.432	7.6	147	0.00

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Quant Time: Mar 22 15:44:53 2019
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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	19.067	4.7	160	0.00
47		n-amyl Acetate	20.000	18.498	7.5	161	0.00
48	M	t-1,3-Dichloropropene	20.000	18.894	5.5	166	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.180	4.1	164	0.00
50	M	1,1,2-Trichloroethane	20.000	19.112	4.4	160	0.00
51		Ethyl methacrylate	20.000	19.524	2.4	162	0.00
52		1,3-Dichloropropane	20.000	19.093	4.5	156	0.00
53	M	Dibromochloromethane	20.000	19.033	4.8	158	0.00
54	M	1,2-Dibromoethane	20.000	19.078	4.6	156	0.00
55	M	2-Chloroethyl vinyl ether	100.000	126.267	-26.3	208	0.00
56	M	Bromoform	20.000	18.394	8.0	156	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	164	0.00
58	M	4-Methyl-2-Pentanone	100.000	92.852	7.1	151	0.00
59	M	2-Hexanone	100.000	91.395	8.6	144	0.00
60	S	4-Bromofluorobenzene	30.000	30.217	-0.7	166	0.00
61	M	Tetrachloroethene	20.000	19.426	2.9	158	0.00
62	M	Toluene	20.000	18.909	5.5	155	0.00
63	S	Toluene-d8	30.000	29.748	0.8	162	0.00
64	M	Chlorobenzene	20.000	19.259	3.7	161	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.293	3.5	160	0.00
66	M	Ethyl Benzene	20.000	19.584	2.1	162	0.00
67	M	m/p-Xylenes	40.000	38.889	2.8	162	0.00
68	M	o-Xylene	20.000	19.387	3.1	160	0.00
69	M	Styrene	20.000	19.385	3.1	161	0.00
70		Isopropylbenzene	20.000	19.368	3.2	159	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.680	6.6	154	0.00
72		1,2,3-Trichloropropane	20.000	21.715	-8.6	175	0.00
73		Bromobenzene	20.000	19.411	2.9	160	0.00
74		n-propylbenzene	20.000	19.658	1.7	166	0.00
75		2-Chlorotoluene	20.000	19.468	2.7	162	0.00
76		1,3,5-Trimethylbenzene	20.000	19.547	2.3	162	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.373	8.1	168	0.00
78		4-Chlorotoluene	20.000	19.211	3.9	165	0.00
79		tert-butylbenzene	20.000	19.700	1.5	167	0.00
80		1,2,4-Trimethylbenzene	20.000	19.730	1.3	164	0.00
81		sec-Butylbenzene	20.000	19.767	1.2	167	0.00
82		p-Isopropyltoluene	20.000	19.700	1.5	167	0.00
83	M	1,3-Dichlorobenzene	20.000	19.467	2.7	167	0.00
84	M	1,4-Dichlorobenzene	20.000	19.426	2.9	164	0.00
85		n-Butylbenzene	20.000	19.499	2.5	172	0.00
86	T	Hexachloroethane	20.000	19.004	5.0	168	0.00
87	M	1,2-Dichlorobenzene	20.000	19.657	1.7	164	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.537	12.3	150	0.00
89		1,2,4-Trichlorobenzene	20.000	19.920	0.4	180	0.00
90		Hexachlorobutadiene	20.000	20.355	-1.8	175	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.453	2.7	166	0.00
92	1,2,3-Trichlorobenzene	20.000	19.511	2.4	168	0.00

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