Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031921\
Data File : VX021291.D
Acq On : 18 Mar 2021 20:50
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Mar 19 02:54:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 12 12:55:27 2021
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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	113	0.00
2	M	Dichlorodifluoromethane	1.969	1.760	10.6	109	0.00
3	M	Chloromethane	2.049	2.482	-21.1	147	0.00
4	M	Vinyl Chloride	2.048	1.928	5.9	116	0.00
5	M	Bromomethane	1.216	0.855	29.7	84	0.00
6	M	Chloroethane	1.265	1.174	7.2	116	0.00
7	M	Trichlorofluoromethane	3.193	2.970	7.0	113	0.00
8	T	Diethyl Ether	1.076	1.024	4.8	115	0.00
9		1,1,2-Trichlorotrifluoroeth	1.720	1.585	7.8	116	0.00
10	M	1,1-Dichloroethene	1.663	1.623	2.4	122	0.00
11		Methyl Iodide	2.200	0.983	55.3#	57	0.00
12		Methyl Acetate	2.807	3.057	-8.9	129	0.00
13	M	Acrolein	0.355	0.420	-18.3	156#	0.00
14	M	Acrylonitrile	1.055	1.099	-4.2	125	0.00
15	M	Acetone	0.283	0.288	-1.8	128	0.00
16	M	Carbon Disulfide	4.882	4.398	9.9	112	0.00
17		Allyl chloride	3.532	3.195	9.5	113	0.00
18	M	Methylene Chloride	2.018	1.961	2.8	118	0.00
19	M	trans-1,2-Dichloroethene	1.846	1.742	5.6	116	0.00
20	T	Diisopropyl ether	6.877	6.533	5.0	116	0.00
21	M	1,1-Dichloroethane	3.667	3.483	5.0	116	0.00
22	M	cis-1,2-Dichloroethene	2.146	2.067	3.7	118	0.00
23	M	tert-Butyl Alcohol	0.469	0.437	6.8	112	0.01
24	M	Methyl tert-Butyl Ether	6.349	6.228	1.9	119	0.00
25	M	Chloroform	3.822	3.661	4.2	116	0.00
26		Cyclohexane	3.256	2.946	9.5	111	0.00
27	s	1,2-Dichloroethane-d4	2.761	2.767	-0.2	115	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	118	0.00
29		1,1-Dichloropropene	0.500	0.468	6.4	118	0.00
30	M	2-Butanone	0.279	0.284	-1.8	126	0.00
31		2,2-Dichloropropane	0.561	0.487	13.2	108	0.00
32	M	1,1,1-Trichloroethane	0.610	0.578	5.2	120	0.00
33	M	Carbon Tetrachloride	0.535	0.492	8.0	115	0.00
34	M	Benzene	1.433	1.354	5.5	118	0.00
35		Methacrylonitrile	0.318	0.309	2.8	121	0.00
36	M	1,2-Dichloroethane	0.618	0.593	4.0	117	0.00
37	M	Trichloroethene	0.375	0.348	7.2	117	0.00
38		Methylcyclohexane	0.565	0.505	10.6	114	0.00
39	M	1,2-Dichloropropane	0.389	0.369	5.1	118	0.00
40		Dibromomethane	0.275	0.267	2.9	122	0.00
41	M	Bromodichloromethane	0.575	0.528	8.2	114	0.00
42	M	Vinyl Acetate	1.057	1.004	5.0	119	0.00
43		Ethyl Acetate	0.558	0.541	3.0	122	0.00
44		Isopropyl Acetate	0.928	0.911	1.8	125	0.00
45	T	1,4-Dioxane	0.009	0.008#	11.1	111	0.00
46		Methyl methacrylate	0.498	0.490	1.6	125	0.00
47		n-amyl Acetate	0.811	0.803	1.0	122	0.00
48	M	t-1,3-Dichloropropene	0.592	0.536	9.5	117	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.630	0.565	10.3	115	0.00
50	M	1,1,2-Trichloroethane	0.368	0.357	3.0	123	0.00
51		Ethyl methacrylate	0.583	0.564	3.3	121	0.00
52		1,3-Dichloropropane	0.640	0.604	5.6	118	0.00
53	M	Dibromochloromethane	0.425	0.389	8.5	116	0.00
54	M	1,2-Dibromoethane	0.389	0.377	3.1	121	0.00
55	M	2-Chloroethyl vinyl ether	0.307	0.305	0.7	122	0.00
56	M	Bromoform	0.300	0.265	11.7	113	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	116	0.00
58	M	4-Methyl-2-Pentanone	0.607	0.620	-2.1	122	0.00
59	M	2-Hexanone	0.458	0.472	-3.1	124	0.00
60	S	4-Bromofluorobenzene	0.549	0.541	1.5	113	0.00
61	M	Tetrachloroethene	0.389	0.339	12.9	110	0.00
62	M	Toluene	1.663	1.591	4.3	117	0.00
63	S	Toluene-d8	1.361	1.364	-0.2	115	0.00
64	M	Chlorobenzene	1.028	0.973	5.4	117	0.00
65		1,1,1,2-Tetrachloroethane	0.390	0.372	4.6	117	0.00
66	M	Ethyl Benzene	1.913	1.826	4.5	118	0.00
67	M	m/p-Xylenes	0.689	0.657	4.6	116	0.00
68	M	o-Xylene	0.667	0.634	4.9	116	0.00
69	M	Styrene	1.131	1.087	3.9	118	0.00
70		Isopropylbenzene	1.823	1.737	4.7	117	0.00
71	M	1,1,2,2-Tetrachloroethane	0.578	0.612	-5.9	131	0.00
72		1,2,3-Trichloropropane	0.588	0.600	-2.0	122	0.00
73		Bromobenzene	0.432	0.422	2.3	119	0.00
74		n-propylbenzene	2.164	2.058	4.9	118	0.00
75		2-Chlorotoluene	1.303	1.252	3.9	117	0.00
76		1,3,5-Trimethylbenzene	1.550	1.531	1.2	121	0.00
77		t-1,4-Dichloro-2-butene	0.193	0.169	12.4	113	0.00
78		4-Chlorotoluene	1.518	1.451	4.4	116	0.00
79		tert-butylbenzene	1.436	1.394	2.9	119	0.00
80		1,2,4-Trimethylbenzene	1.557	1.527	1.9	121	0.00
81		sec-Butylbenzene	1.730	1.689	2.4	119	0.00
82		p-Isopropyltoluene	1.572	1.524	3.1	120	0.00
83	M	1,3-Dichlorobenzene	0.773	0.748	3.2	117	0.00
84	M	1,4-Dichlorobenzene	0.776	0.761	1.9	118	0.00
85		n-Butylbenzene	1.457	1.367	6.2	118	0.00
86	T	Hexachloroethane	0.290	0.252	13.1	107	0.00
87	M	1,2-Dichlorobenzene	0.758	0.742	2.1	119	0.00
88		1,2-Dibromo-3-Chloropropane	0.144	0.148	-2.8	127	0.00
89		1,2,4-Trichlorobenzene	0.477	0.454	4.8	118	0.00
90		Hexachlorobutadiene	0.208	0.192	7.7	123	0.00
91	M	Naphthalene	1.541	1.619	-5.1	134	0.00
92		1,2,3-Trichlorobenzene	0.464	0.476	-2.6	128	0.00

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