Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
Data File : VX023622.D
Acq On : 09 Aug 2021 18:45
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Aug 10 03:58:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Aug 03 12:05:42 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	107	0.00
2	M	Dichlorodifluoromethane	1.772	1.695	4.3	106	0.00
3	M	Chloromethane	1.999	1.892	5.4	104	0.00
4	M	Vinyl Chloride	2.000	1.898	5.1	107	0.00
5	M	Bromomethane	1.173	1.249	-6.5	104	0.00
6	M	Chloroethane	1.252	1.175	6.2	107	0.00
7	M	Trichlorofluoromethane	3.229	3.001	7.1	105	0.00
8	T	Diethyl Ether	1.151	1.064	7.6	105	0.00
9		1,1,2-Trichlorotrifluoroeth	1.804	1.706	5.4	106	0.00
10	M	1,1-Dichloroethene	1.738	1.666	4.1	110	0.00
11		Methyl Iodide	2.442	2.264	7.3	112	0.00
12		Methyl Acetate	2.592	2.507	3.3	108	0.00
13	M	Acrolein	0.285	0.277	2.8	118	0.00
14	M	Acrylonitrile	1.147	1.082	5.7	105	0.00
15	M	Acetone	0.348	0.295	15.2	82	0.00
16	M	Carbon Disulfide	4.288	3.659	14.7	101	0.00
17		Allyl chloride	3.212	2.999	6.6	108	0.00
18	M	Methylene Chloride	2.044	1.988	2.7	110	0.00
19	M	trans-1,2-Dichloroethene	1.860	1.767	5.0	109	0.00
20	T	Diisopropyl ether	6.413	6.229	2.9	110	0.00
21	M	1,1-Dichloroethane	3.493	3.355	4.0	110	0.00
22	M	cis-1,2-Dichloroethene	2.165	2.089	3.5	110	0.00
23	M	tert-Butyl Alcohol	0.520	0.494	5.0	105	0.00
24	M	Methyl tert-Butyl Ether	6.097	5.974	2.0	111	0.00
25	M	Chloroform	3.583	3.513	2.0	112	0.00
26		Cyclohexane	3.172	3.003	5.3	107	0.00
27	s	1,2-Dichloroethane-d4	2.320	2.335	-0.6	109	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
29		1,1-Dichloropropene	0.467	0.443	5.1	114	0.00
30	M	2-Butanone	0.313	0.281	10.2	98	0.00
31		2,2-Dichloropropane	0.528	0.466	11.7	102	0.00
32	M	1,1,1-Trichloroethane	0.565	0.525	7.1	108	0.00
33	M	Carbon Tetrachloride	0.492	0.459	6.7	110	0.00
34	M	Benzene	1.409	1.328	5.7	108	0.00
35		Methacrylonitrile	0.315	0.293	7.0	110	0.00
36	M	1,2-Dichloroethane	0.538	0.522	3.0	112	0.00
37	M	Trichloroethene	0.383	0.348	9.1	107	0.00
38		Methylcyclohexane	0.594	0.530	10.8	106	0.00
39	M	1,2-Dichloropropane	0.369	0.354	4.1	111	0.00
40		Dibromomethane	0.261	0.242	7.3	107	0.00
41	M	Bromodichloromethane	0.475	0.436	8.2	110	0.00
42	M	Vinyl Acetate	1.020	0.981	3.8	110	0.00
43		Ethyl Acetate	0.581	0.559	3.8	109	0.00
44		Isopropyl Acetate	0.925	0.883	4.5	112	0.00
45	T	1,4-Dioxane	0.010	0.009	10.0	99	0.00
46		Methyl methacrylate	0.446	0.419	6.1	110	0.00
47		n-amyl Acetate	0.787	0.762	3.2	115	0.00
48	M	t-1,3-Dichloropropene	0.554	0.504	9.0	111	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.588	0.534	9.2	108	0.00
50	M	1,1,2-Trichloroethane	0.378	0.358	5.3	111	0.00
51		Ethyl methacrylate	0.595	0.555	6.7	114	0.00
52		1,3-Dichloropropane	0.620	0.592	4.5	111	0.00
53	M	Dibromochloromethane	0.380	0.329	13.4	107	0.00
54	M	1,2-Dibromoethane	0.400	0.374	6.5	110	0.00
55	M	2-Chloroethyl vinyl ether	0.297	0.279	6.1	110	0.00
56	M	Bromoform	0.272	0.228	16.2	103	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
58	M	4-Methyl-2-Pentanone	0.647	0.636	1.7	108	0.00
59	M	2-Hexanone	0.502	0.494	1.6	105	0.00
60	S	4-Bromofluorobenzene	0.491	0.491	0.0	113	0.00
61	M	Tetrachloroethene	0.403	0.353	12.4	97	0.00
62	M	Toluene	1.692	1.641	3.0	110	0.00
63	S	Toluene-d8	1.350	1.368	-1.3	110	0.00
64	M	Chlorobenzene	1.071	1.033	3.5	110	0.00
65		1,1,1,2-Tetrachloroethane	0.396	0.369	6.8	109	0.00
66	M	Ethyl Benzene	1.873	1.797	4.1	111	0.00
67	M	m/p-Xylenes	0.724	0.682	5.8	108	0.00
68	M	o-Xylene	0.714	0.677	5.2	110	0.00
69	M	Styrene	1.177	1.091	7.3	109	0.00
70		Isopropylbenzene	1.878	1.783	5.1	111	0.00
71	M	1,1,2,2-Tetrachloroethane	0.601	0.595	1.0	111	0.00
72		1,2,3-Trichloropropane	0.565	0.561	0.7	109	0.00
73		Bromobenzene	0.457	0.440	3.7	111	0.00
74		n-propylbenzene	2.174	2.018	7.2	109	0.00
75		2-Chlorotoluene	1.298	1.234	4.9	111	0.00
76		1,3,5-Trimethylbenzene	1.557	1.482	4.8	111	0.00
77		t-1,4-Dichloro-2-butene	0.202	0.175	13.4	103	0.00
78		4-Chlorotoluene	1.466	1.375	6.2	111	0.00
79		tert-butylbenzene	1.513	1.447	4.4	112	0.00
80		1,2,4-Trimethylbenzene	1.543	1.462	5.2	108	0.00
81		sec-Butylbenzene	1.937	1.794	7.4	109	0.00
82		p-Isopropyltoluene	1.592	1.480	7.0	110	0.00
83	M	1,3-Dichlorobenzene	0.828	0.771	6.9	109	0.00
84	M	1,4-Dichlorobenzene	0.818	0.752	8.1	109	0.00
85		n-Butylbenzene	1.408	1.275	9.4	109	0.00
86	T	Hexachloroethane	0.259	0.228	12.0	111	0.00
87	M	1,2-Dichlorobenzene	0.799	0.744	6.9	108	0.00
88		1,2-Dibromo-3-Chloropropane	0.132	0.117	11.4	113	0.00
89		1,2,4-Trichlorobenzene	0.494	0.439	11.1	109	0.00
90		Hexachlorobutadiene	0.222	0.188	15.3	100	0.00
91	M	Naphthalene	1.697	1.589	6.4	112	0.00
92		1,2,3-Trichlorobenzene	0.497	0.455	8.5	111	0.00

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