Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
Data File : VX033701.D
Acq On : 12 Jan 2023 10:18
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jan 12 23:54:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
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	99	0.00
2	M	Dichlorodifluoromethane	3.137	3.497	-11.5	106	0.00
3	M	Chloromethane	3.363	3.606	-7.2	100	0.00
4	M	Vinyl Chloride	3.038	3.315	-9.1	111	0.00
5	M	Bromomethane	1.683	2.011	-19.5	116	0.00
6	M	Chloroethane	1.779	2.040	-14.7	115	0.00
7	M	Trichlorofluoromethane	4.688	5.428	-15.8	109	0.00
8	T	Diethyl Ether	1.526	1.632	-6.9	114	0.00
9		1,1,2-Trichlorotrifluoroeth	2.431	3.436	-41.3#	151#	0.00
10	M	1,1-Dichloroethene	2.292	3.261	-42.3#	152#	0.00
11		Methyl Iodide	3.940	4.617	-17.2	129	0.00
12		Methyl Acetate	4.798	5.248	-9.4	109	0.00
13	M	Acrolein	0.517	0.632	-22.2	138	0.00
14	M	Acrylonitrile	1.582	1.723	-8.9	104	0.00
15	M	Acetone	0.358	0.647	-80.7#	198#	0.00
16	M	Carbon Disulfide	6.669	8.320	-24.8	138	0.00
17		Allyl chloride	4.875	5.881	-20.6	118	0.00
18	M	Methylene Chloride	3.210	3.547	-10.5	111	0.00
19	M	trans-1,2-Dichloroethene	3.079	3.549	-15.3	112	0.00
20	T	Diisopropyl ether	10.523	11.543	-9.7	103	0.00
21	M	1,1-Dichloroethane	5.771	6.220	-7.8	105	0.00
22	M	cis-1,2-Dichloroethene	3.662	4.066	-11.0	108	0.00
23	M	tert-Butyl Alcohol	0.625	0.674	-7.8	103	-0.03
24	M	Methyl tert-Butyl Ether	9.786	10.564	-8.0	103	0.00
25	M	Chloroform	5.857	6.330	-8.1	103	0.00
26		Cyclohexane	5.356	5.904	-10.2	107	0.00
27	s	1,2-Dichloroethane-d4	2.429	2.420	0.4	92	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29		1,1-Dichloropropene	0.648	0.679	-4.8	105	0.00
30	M	2-Butanone	0.339	0.378	-11.5	111	0.00
31		2,2-Dichloropropane	0.558	0.645	-15.6	120	0.00
32	M	1,1,1-Trichloroethane	0.757	0.782	-3.3	105	0.00
33	M	Carbon Tetrachloride	0.683	0.703	-2.9	105	0.00
34	M	Benzene	1.884	2.013	-6.8	109	0.00
35		Methacrylonitrile	0.386	0.382	1.0	99	-0.01
36	M	1,2-Dichloroethane	0.685	0.692	-1.0	99	0.00
37	M	Trichloroethene	0.543	0.578	-6.4	109	0.00
38		Methylcyclohexane	0.806	0.876	-8.7	111	0.00
39	M	1,2-Dichloropropane	0.481	0.497	-3.3	103	0.00
40		Dibromomethane	0.338	0.350	-3.6	104	0.00
41	M	Bromodichloromethane	0.656	0.664	-1.2	102	0.00
42	M	Vinyl Acetate	1.210	1.243	-2.7	102	0.00
43		Ethyl Acetate	0.694	0.702	-1.2	97	0.00
44		Isopropyl Acetate	1.089	1.050	3.6	99	0.00
45	T	1,4-Dioxane	0.012	0.012	0.0	99	0.00
46		Methyl methacrylate	0.551	0.551	0.0	100	0.00
47		n-amyl Acetate	0.927	0.898	3.1	98	0.00
48	M	t-1,3-Dichloropropene	0.671	0.684	-1.9	108	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.745	0.779	-4.6	110	0.00
50	M	1,1,2-Trichloroethane	0.491	0.501	-2.0	104	0.00
51		Ethyl methacrylate	0.732	0.742	-1.4	103	0.00
52		1,3-Dichloropropane	0.823	0.860	-4.5	104	0.00
53	M	Dibromochloromethane	0.535	0.557	-4.1	110	0.00
54	M	1,2-Dibromoethane	0.525	0.533	-1.5	103	0.00
55	M	2-Chloroethyl vinyl ether	0.354	0.324	8.5	93	0.00
56	M	Bromoform	0.411	0.425	-3.4	109	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58	M	4-Methyl-2-Pentanone	0.596	0.621	-4.2	99	0.00
59	M	2-Hexanone	0.439	0.470	-7.1	103	0.00
60	S	4-Bromofluorobenzene	0.541	0.534	1.3	96	0.00
61	M	Tetrachloroethene	0.433	0.476	-9.9	111	0.00
62	M	Toluene	1.888	2.025	-7.3	105	0.00
63	S	Toluene-d8	0.960	0.966	-0.6	97	0.00
64	M	Chlorobenzene	1.216	1.324	-8.9	108	0.00
65		1,1,1,2-Tetrachloroethane	0.458	0.483	-5.5	104	0.00
66	M	Ethyl Benzene	2.106	2.270	-7.8	106	0.00
67	M	m/p-Xylenes	0.831	0.903	-8.7	105	0.00
68	M	o-Xylene	0.817	0.873	-6.9	104	0.00
69	M	Styrene	1.352	1.469	-8.7	106	0.00
70		Isopropylbenzene	2.116	2.327	-10.0	107	0.00
71	M	1,1,2,2-Tetrachloroethane	0.637	0.674	-5.8	102	0.00
72		1,2,3-Trichloropropane	0.577	0.530	8.1	89	0.00
73		Bromobenzene	0.560	0.612	-9.3	108	0.00
74		n-propylbenzene	2.402	2.642	-10.0	108	0.00
75		2-Chlorotoluene	1.437	1.546	-7.6	105	0.00
76		1,3,5-Trimethylbenzene	1.757	1.938	-10.3	107	0.00
77		t-1,4-Dichloro-2-butene	0.173	0.177	-2.3	111	0.00
78		4-Chlorotoluene	1.611	1.763	-9.4	106	0.00
79		tert-butylbenzene	1.802	1.986	-10.2	107	0.00
80		1,2,4-Trimethylbenzene	1.735	1.906	-9.9	107	0.00
81		sec-Butylbenzene	2.180	2.409	-10.5	109	0.00
82		p-Isopropyltoluene	1.880	2.099	-11.6	110	0.00
83	M	1,3-Dichlorobenzene	1.022	1.122	-9.8	109	0.00
84	M	1,4-Dichlorobenzene	1.019	1.130	-10.9	110	0.00
85		n-Butylbenzene	1.529	1.705	-11.5	113	0.00
86	T	Hexachloroethane	0.306	0.328	-7.2	113	0.00
87	M	1,2-Dichlorobenzene	0.985	1.073	-8.9	109	0.00
88		1,2-Dibromo-3-Chloropropane	0.132	0.131	0.8	99	0.00
89		1,2,4-Trichlorobenzene	0.677	0.755	-11.5	112	0.00
90		Hexachlorobutadiene	0.325	0.371	-14.2	117	0.00
91	M	Naphthalene	1.989	2.183	-9.8	108	0.00
92		1,2,3-Trichlorobenzene	0.679	0.756	-11.3	113	0.00

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