Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113023\
Data File : VX039059.D
Acq On : 30 Nov 2023 09:39
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Dec 01 01:52:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 27 03:22:25 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	109	0.00
2	M	Dichlorodifluoromethane	4.490	4.661	-3.8	112	0.00
3	M	Chloromethane	5.141	5.358	-4.2	116	0.00
4	M	Vinyl Chloride	5.191	5.349	-3.0	114	0.00
5	M	Bromomethane	3.175	3.675	-15.7	113	0.00
6	M	Chloroethane	3.023	3.194	-5.7	111	0.00
7	M	Trichlorofluoromethane	7.164	7.307	-2.0	110	0.00
8	T	Diethyl Ether	2.750	2.861	-4.0	114	0.00
9		1,1,2-Trichlorotrifluoroeth	4.048	4.519	-11.6	124	0.00
10	M	1,1-Dichloroethene	4.081	4.421	-8.3	120	0.00
11		Methyl Iodide	4.472	4.745	-6.1	128	0.00
12		Methyl Acetate	12.727	12.820	-0.7	112	0.00
13	M	Acrolein	1.115	1.307	-17.2	135	0.00
14	M	Acrylonitrile	3.113	3.159	-1.5	113	0.00
15	M	Acetone	1.131	1.398	-23.6	120	0.00
16	M	Carbon Disulfide	12.359	12.655	-2.4	115	0.00
17		Allyl chloride	8.101	8.638	-6.6	118	0.00
18	M	Methylene Chloride	4.837	5.333	-10.3	126	0.00
19	M	trans-1,2-Dichloroethene	4.615	4.877	-5.7	119	0.00
20	T	Diisopropyl ether	15.416	16.721	-8.5	120	0.00
21	M	1,1-Dichloroethane	8.571	9.096	-6.1	118	0.00
22	M	cis-1,2-Dichloroethene	5.349	5.600	-4.7	116	-0.01
23	M	tert-Butyl Alcohol	1.723	1.365	20.8	91	0.00
24	M	Methyl tert-Butyl Ether	15.032	15.776	-4.9	117	0.00
25	M	Chloroform	8.603	9.026	-4.9	117	-0.01
26		Cyclohexane	7.758	8.371	-7.9	120	0.00
27	s	1,2-Dichloroethane-d4	4.104	3.750	8.6	97	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	-0.01
29		1,1-Dichloropropene	0.841	0.909	-8.1	115	0.00
30	M	2-Butanone	0.633	0.699	-10.4	113	-0.01
31		2,2-Dichloropropane	0.962	1.058	-10.0	115	0.00
32	M	1,1,1-Trichloroethane	0.972	1.044	-7.4	113	0.00
33	M	Carbon Tetrachloride	0.819	0.883	-7.8	114	0.00
34	M	Benzene	2.450	2.710	-10.6	118	0.00
35		Methacrylonitrile	0.561	0.594	-5.9	115	-0.02
36	M	1,2-Dichloroethane	0.899	0.950	-5.7	111	0.00
37	M	Trichloroethene	0.622	0.681	-9.5	115	0.00
38		Methylcyclohexane	1.048	1.148	-9.5	115	0.00
39	M	1,2-Dichloropropane	0.646	0.714	-10.5	120	0.00
40		Dibromomethane	0.457	0.490	-7.2	114	0.00
41	M	Bromodichloromethane	0.877	0.952	-8.6	115	0.00
42	M	Vinyl Acetate	1.508	1.681	-11.5	117	0.00
43		Ethyl Acetate	1.089	1.146	-5.2	111	-0.01
44		Isopropyl Acetate	1.717	1.811	-5.5	114	0.00
45	T	1,4-Dioxane	0.018	0.015	16.7	98	0.00
46		Methyl methacrylate	0.982	1.047	-6.6	114	0.00
47		n-amyl Acetate	1.453	1.535	-5.6	118	0.00
48	M	t-1,3-Dichloropropene	1.017	1.090	-7.2	114	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	1.049	1.151	-9.7	116	0.00
50	M	1,1,2-Trichloroethane	0.620	0.696	-12.3	119	0.00
51		Ethyl methacrylate	0.776	0.862	-11.1	122	0.00
52		1,3-Dichloropropane	1.063	1.188	-11.8	118	0.00
53	M	Dibromochloromethane	0.666	0.696	-4.5	110	0.00
54	M	1,2-Dibromoethane	0.680	0.737	-8.4	117	0.00
55	M	2-Chloroethyl vinyl ether	0.492	0.497	-1.0	113	0.00
56	M	Bromoform	0.481	0.490	-1.9	111	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.910	0.981	-7.8	111	0.00
59	M	2-Hexanone	0.747	0.826	-10.6	113	0.00
60	S	4-Bromofluorobenzene	0.655	0.643	1.8	101	0.00
61	M	Tetrachloroethene	0.390	0.435	-11.5	113	0.00
62	M	Toluene	2.130	2.403	-12.8	116	0.00
63	S	Toluene-d8	1.186	1.186	0.0	102	0.00
64	M	Chlorobenzene	1.296	1.449	-11.8	117	0.00
65		1,1,1,2-Tetrachloroethane	0.467	0.523	-12.0	115	0.00
66	M	Ethyl Benzene	2.425	2.744	-13.2	117	0.00
67	M	m/p-Xylenes	0.896	1.011	-12.8	117	0.00
68	M	o-Xylene	0.868	0.955	-10.0	115	0.00
69	M	Styrene	1.285	1.437	-11.8	117	0.00
70		Isopropylbenzene	2.323	2.578	-11.0	115	0.00
71	M	1,1,2,2-Tetrachloroethane	0.867	0.951	-9.7	115	0.00
72		1,2,3-Trichloropropane	0.734	0.818	-11.4	115	0.00
73		Bromobenzene	0.529	0.579	-9.5	116	0.00
74		n-propylbenzene	2.846	3.185	-11.9	116	0.00
75		2-Chlorotoluene	1.670	1.859	-11.3	116	0.00
76		1,3,5-Trimethylbenzene	2.001	2.210	-10.4	115	0.00
77		t-1,4-Dichloro-2-butene	0.291	0.310	-6.5	118	0.00
78		4-Chlorotoluene	1.963	2.199	-12.0	116	0.00
79		tert-butylbenzene	1.903	2.096	-10.1	114	0.00
80		1,2,4-Trimethylbenzene	2.003	2.189	-9.3	114	0.00
81		sec-Butylbenzene	2.405	2.634	-9.5	115	0.00
82		p-Isopropyltoluene	2.039	2.225	-9.1	114	0.00
83	M	1,3-Dichlorobenzene	1.012	1.107	-9.4	116	0.00
84	M	1,4-Dichlorobenzene	1.038	1.133	-9.2	115	0.00
85		n-Butylbenzene	2.013	2.213	-9.9	117	0.00
86	T	Hexachloroethane	0.386	0.417	-8.0	114	0.00
87	M	1,2-Dichlorobenzene	0.973	1.039	-6.8	111	0.00
88		1,2-Dibromo-3-Chloropropane	0.222	0.220	0.9	104	0.00
89		1,2,4-Trichlorobenzene	0.645	0.704	-9.1	114	0.00
90		Hexachlorobutadiene	0.230	0.258	-12.2	116	0.00
91	M	Naphthalene	2.379	2.441	-2.6	109	0.00
92		1,2,3-Trichlorobenzene	0.625	0.681	-9.0	114	0.00

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