Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
Data File : VX035823.D
Acq On : 23 May 2023 18:49
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: May 24 05:52:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 23 11:36:37 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	104	0.00
2	M	Dichlorodifluoromethane	1.534	1.258	18.0	133	0.00
3	M	Chloromethane	1.882	1.770	6.0	110	0.00
4	M	Vinyl Chloride	1.769	1.599	9.6	114	0.00
5	M	Bromomethane	1.190	1.039	12.7	99	0.00
6	M	Chloroethane	1.115	1.065	4.5	114	0.00
7	M	Trichlorofluoromethane	2.681	2.196	18.1	119	0.00
8	T	Diethyl Ether	1.115	1.114	0.1	110	0.00
9		1,1,2-Trichlorotrifluoroeth	1.443	1.232	14.6	134	0.00
10	M	1,1-Dichloroethene	1.504	1.394	7.3	115	0.00
11		Methyl Iodide	1.817	1.648	9.3	108	0.00
12		Methyl Acetate	4.249	4.592	-8.1	114	0.00
13	M	Acrolein	0.336	0.315	6.3	107	0.00
14	M	Acrylonitrile	1.065	1.084	-1.8	110	0.00
15	M	Acetone	0.319	0.300	6.0	98	0.00
16	M	Carbon Disulfide	3.264	2.626	19.5	108	0.00
17		Allyl chloride	3.034	2.931	3.4	113	0.00
18	M	Methylene Chloride	1.958	1.925	1.7	110	0.00
19	M	trans-1,2-Dichloroethene	1.695	1.581	6.7	106	0.00
20	T	Diisopropyl ether	6.550	6.658	-1.6	112	0.00
21	M	1,1-Dichloroethane	3.433	3.369	1.9	111	0.00
22	M	cis-1,2-Dichloroethene	2.098	2.057	2.0	111	0.00
23	M	tert-Butyl Alcohol	0.389	0.413	-6.2	112	0.01
24	M	Methyl tert-Butyl Ether	6.061	6.244	-3.0	114	0.00
25	M	Chloroform	3.523	3.439	2.4	112	0.00
26		Cyclohexane	2.596	2.157	16.9	128	0.00
27	s	1,2-Dichloroethane-d4	2.493	2.440	2.1	104	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29		1,1-Dichloropropene	0.418	0.393	6.0	113	0.00
30	M	2-Butanone	0.273	0.296	-8.4	109	0.00
31		2,2-Dichloropropane	0.449	0.413	8.0	107	0.00
32	M	1,1,1-Trichloroethane	0.488	0.469	3.9	113	0.00
33	M	Carbon Tetrachloride	0.385	0.347	9.9	111	0.00
34	M	Benzene	1.318	1.342	-1.8	108	0.00
35		Methacrylonitrile	0.292	0.311	-6.5	110	0.00
36	M	1,2-Dichloroethane	0.513	0.537	-4.7	109	0.00
37	M	Trichloroethene	0.331	0.329	0.6	109	0.00
38		Methylcyclohexane	0.458	0.383	16.4	131	0.00
39	M	1,2-Dichloropropane	0.355	0.366	-3.1	110	0.00
40		Dibromomethane	0.240	0.245	-2.1	107	0.00
41	M	Bromodichloromethane	0.434	0.427	1.6	106	0.00
42	M	Vinyl Acetate	0.803	0.855	-6.5	114	0.00
43		Ethyl Acetate	0.522	0.551	-5.6	113	0.00
44		Isopropyl Acetate	0.850	0.922	-8.5	115	0.00
45	T	1,4-Dioxane	0.008	0.009	-12.5	100	0.00
46		Methyl methacrylate	0.411	0.439	-6.8	115	0.00
47		n-amyl Acetate	0.714	0.760	-6.4	115	0.00
48	M	t-1,3-Dichloropropene	0.480	0.454	5.4	107	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.530	0.515	2.8	105	0.00
50	M	1,1,2-Trichloroethane	0.343	0.358	-4.4	109	0.00
51		Ethyl methacrylate	0.529	0.565	-6.8	116	0.00
52		1,3-Dichloropropane	0.598	0.625	-4.5	108	0.00
53	M	Dibromochloromethane	0.315	0.293	7.0	103	0.00
54	M	1,2-Dibromoethane	0.357	0.371	-3.9	108	0.00
55	M	2-Chloroethyl vinyl ether	0.281	0.328	-16.7	115	0.00
56	M	Bromoform	0.204	0.178	12.7	104	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.583	0.649	-11.3	112	0.00
59	M	2-Hexanone	0.438	0.483	-10.3	109	0.00
60	S	4-Bromofluorobenzene	0.503	0.501	0.4	102	0.00
61	M	Tetrachloroethene	0.289	0.300	-3.8	114	0.00
62	M	Toluene	1.545	1.565	-1.3	106	0.00
63	S	Toluene-d8	1.326	1.347	-1.6	103	0.00
64	M	Chlorobenzene	0.978	0.986	-0.8	105	0.00
65		1,1,1,2-Tetrachloroethane	0.342	0.336	1.8	106	0.00
66	M	Ethyl Benzene	1.728	1.706	1.3	107	0.00
67	M	m/p-Xylenes	0.654	0.650	0.6	106	0.00
68	M	o-Xylene	0.654	0.659	-0.8	105	0.00
69	M	Styrene	1.080	1.088	-0.7	106	0.00
70		Isopropylbenzene	1.670	1.600	4.2	105	0.00
71	M	1,1,2,2-Tetrachloroethane	0.591	0.633	-7.1	108	0.00
72		1,2,3-Trichloropropane	0.515	0.519	-0.8	107	0.00
73		Bromobenzene	0.406	0.400	1.5	103	0.00
74		n-propylbenzene	1.990	1.853	6.9	103	0.00
75		2-Chlorotoluene	1.223	1.204	1.6	106	0.00
76		1,3,5-Trimethylbenzene	1.418	1.363	3.9	104	0.00
77		t-1,4-Dichloro-2-butene	0.155	0.132	14.8	103	0.00
78		4-Chlorotoluene	1.393	1.346	3.4	104	0.00
79		tert-butylbenzene	1.369	1.282	6.4	104	0.00
80		1,2,4-Trimethylbenzene	1.425	1.375	3.5	104	0.00
81		sec-Butylbenzene	1.728	1.549	10.4	104	0.00
82		p-Isopropyltoluene	1.438	1.312	8.8	105	0.00
83	M	1,3-Dichlorobenzene	0.768	0.735	4.3	102	0.00
84	M	1,4-Dichlorobenzene	0.771	0.759	1.6	104	0.00
85		n-Butylbenzene	1.279	1.075	15.9	103	0.00
86	T	Hexachloroethane	0.226	0.176	22.1	100	0.00
87	M	1,2-Dichlorobenzene	0.752	0.766	-1.9	103	0.00
88		1,2-Dibromo-3-Chloropropane	0.113	0.113	0.0	109	0.00
89		1,2,4-Trichlorobenzene	0.451	0.432	4.2	105	0.00
90		Hexachlorobutadiene	0.166	0.131	21.1	104	0.00
91	M	Naphthalene	1.560	1.706	-9.4	114	0.00
92		1,2,3-Trichlorobenzene	0.450	0.445	1.1	108	0.00

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