Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071523\
Data File : VX036548.D
Acq On : 14 Jul 2023 08:49
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jul 17 01:20:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 14 04:32:22 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	106	0.00
2	M	Dichlorodifluoromethane	1.676	1.547	7.7	94	0.00
3	M	Chloromethane	2.293	1.968	14.2	95	0.00
4	M	Vinyl Chloride	2.365	2.019	14.6	90	0.00
5	M	Bromomethane	2.422	2.069	14.6	91	0.00
6	M	Chloroethane	1.610	1.499	6.9	101	0.00
7	M	Trichlorofluoromethane	3.836	3.398	11.4	93	0.00
8	T	Diethyl Ether	1.594	1.448	9.2	109	0.00
9		1,1,2-Trichlorotrifluoroeth	1.737	1.608	7.4	102	0.00
10	M	1,1-Dichloroethene	1.756	1.535	12.6	97	0.00
11		Methyl Iodide	2.001	1.622	18.9	104	0.00
12		Methyl Acetate	4.127	3.624	12.2	102	0.00
13	M	Acrolein	0.339	0.190	44.0#	72	0.00
14	M	Acrylonitrile	1.157	1.001	13.5	100	0.00
15	M	Acetone	0.327	0.286	12.5	101	0.00
16	M	Carbon Disulfide	4.259	3.712	12.8	101	0.00
17		Allyl chloride	3.114	2.791	10.4	105	0.00
18	M	Methylene Chloride	2.114	1.977	6.5	111	0.00
19	M	trans-1,2-Dichloroethene	1.919	1.717	10.5	102	0.00
20	T	Diisopropyl ether	6.347	6.010	5.3	110	0.00
21	M	1,1-Dichloroethane	3.701	3.313	10.5	103	0.00
22	M	cis-1,2-Dichloroethene	2.309	2.088	9.6	103	-0.01
23	M	tert-Butyl Alcohol	0.537	0.458	14.7	102	0.00
24	M	Methyl tert-Butyl Ether	6.384	5.953	6.8	110	0.00
25	M	Chloroform	3.826	3.531	7.7	106	0.00
26		Cyclohexane	2.839	2.570	9.5	96	0.00
27	s	1,2-Dichloroethane-d4	2.490	2.457	1.3	108	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.452	0.443	2.0	101	0.00
30	M	2-Butanone	0.285	0.263	7.7	100	0.00
31		2,2-Dichloropropane	0.496	0.479	3.4	106	0.00
32	M	1,1,1-Trichloroethane	0.538	0.507	5.8	98	-0.01
33	M	Carbon Tetrachloride	0.459	0.441	3.9	102	0.00
34	M	Benzene	1.394	1.368	1.9	105	0.00
35		Methacrylonitrile	0.296	0.270	8.8	101	0.00
36	M	1,2-Dichloroethane	0.535	0.529	1.1	108	0.00
37	M	Trichloroethene	0.367	0.347	5.4	101	0.00
38		Methylcyclohexane	0.526	0.502	4.6	97	0.00
39	M	1,2-Dichloropropane	0.378	0.372	1.6	108	0.00
40		Dibromomethane	0.274	0.266	2.9	109	0.00
41	M	Bromodichloromethane	0.497	0.482	3.0	109	0.00
42	M	Vinyl Acetate	0.860	0.855	0.6	110	0.00
43		Ethyl Acetate	0.554	0.527	4.9	106	0.00
44		Isopropyl Acetate	0.884	0.849	4.0	105	0.00
45	T	1,4-Dioxane	0.010	0.009	10.0	99	0.00
46		Methyl methacrylate	0.423	0.404	4.5	108	0.00
47		n-amyl Acetate	0.750	0.723	3.6	108	0.00
48	M	t-1,3-Dichloropropene	0.545	0.532	2.4	112	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.589	0.578	1.9	109	0.00
50	M	1,1,2-Trichloroethane	0.372	0.377	-1.3	109	0.00
51		Ethyl methacrylate	0.584	0.569	2.6	107	0.00
52		1,3-Dichloropropane	0.627	0.625	0.3	107	0.00
53	M	Dibromochloromethane	0.375	0.365	2.7	110	0.00
54	M	1,2-Dibromoethane	0.390	0.391	-0.3	110	0.00
55	M	2-Chloroethyl vinyl ether	0.314	0.303	3.5	104	0.00
56	M	Bromoform	0.261	0.246	5.7	109	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.620	0.580	6.5	102	0.00
59	M	2-Hexanone	0.472	0.434	8.1	101	0.00
60	S	4-Bromofluorobenzene	0.487	0.500	-2.7	106	0.00
61	M	Tetrachloroethene	0.359	0.332	7.5	97	0.00
62	M	Toluene	1.683	1.616	4.0	103	0.00
63	S	Toluene-d8	1.380	1.378	0.1	102	0.00
64	M	Chlorobenzene	1.048	1.002	4.4	104	0.00
65		1,1,1,2-Tetrachloroethane	0.378	0.363	4.0	107	0.00
66	M	Ethyl Benzene	1.829	1.728	5.5	102	0.00
67	M	m/p-Xylenes	0.713	0.669	6.2	101	0.00
68	M	o-Xylene	0.708	0.671	5.2	102	0.00
69	M	Styrene	1.148	1.112	3.1	105	0.00
70		Isopropylbenzene	1.763	1.680	4.7	101	0.00
71	M	1,1,2,2-Tetrachloroethane	0.643	0.615	4.4	107	0.00
72		1,2,3-Trichloropropane	0.596	0.579	2.9	108	0.00
73		Bromobenzene	0.436	0.411	5.7	104	0.00
74		n-propylbenzene	2.075	1.960	5.5	102	0.00
75		2-Chlorotoluene	1.262	1.204	4.6	101	0.00
76		1,3,5-Trimethylbenzene	1.515	1.430	5.6	100	0.00
77		t-1,4-Dichloro-2-butene	0.196	0.164	16.3	102	0.00
78		4-Chlorotoluene	1.437	1.387	3.5	106	0.00
79		tert-butylbenzene	1.438	1.315	8.6	99	0.00
80		1,2,4-Trimethylbenzene	1.501	1.438	4.2	104	0.00
81		sec-Butylbenzene	1.810	1.672	7.6	96	0.00
82		p-Isopropyltoluene	1.506	1.402	6.9	98	0.00
83	M	1,3-Dichlorobenzene	0.811	0.764	5.8	103	0.00
84	M	1,4-Dichlorobenzene	0.808	0.778	3.7	107	0.00
85		n-Butylbenzene	1.371	1.224	10.7	97	0.00
86	T	Hexachloroethane	0.249	0.223	10.4	105	0.00
87	M	1,2-Dichlorobenzene	0.813	0.787	3.2	107	0.00
88		1,2-Dibromo-3-Chloropropane	0.145	0.122	15.9	96	0.00
89		1,2,4-Trichlorobenzene	0.513	0.458	10.7	101	0.00
90		Hexachlorobutadiene	0.186	0.169	9.1	93	0.00
91	M	Naphthalene	1.799	1.637	9.0	102	0.00
92		1,2,3-Trichlorobenzene	0.518	0.464	10.4	99	0.00

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