Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
Data File : VX036530.D
Acq On : 13 Jul 2023 17:02
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071423

Quant Time: Jul 14 04:36:27 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	108	0.00
2	M	Dichlorodifluoromethane	1.676	1.839	-9.7	114	0.00
3	M	Chloromethane	2.293	2.302	-0.4	113	0.00
4	M	Vinyl Chloride	2.365	2.449	-3.6	111	0.00
5	M	Bromomethane	2.422	2.336	3.6	105	0.00
6	M	Chloroethane	1.610	1.612	-0.1	110	0.00
7	M	Trichlorofluoromethane	3.836	4.253	-10.9	118	0.00
8	T	Diethyl Ether	1.594	1.555	2.4	120	0.00
9		1,1,2-Trichlorotrifluoroeth	1.737	1.930	-11.1	124	0.00
10	M	1,1-Dichloroethene	1.756	1.793	-2.1	115	0.00
11		Methyl Iodide	2.001	2.055	-2.7	134	0.00
12		Methyl Acetate	4.127	3.962	4.0	113	0.00
13	M	Acrolein	0.339	0.311	8.3	119	0.00
14	M	Acrylonitrile	1.157	1.103	4.7	113	0.00
15	M	Acetone	0.327	0.332	-1.5	119	0.00
16	M	Carbon Disulfide	4.259	4.443	-4.3	123	0.00
17		Allyl chloride	3.114	3.082	1.0	118	0.00
18	M	Methylene Chloride	2.114	2.010	4.9	115	0.00
19	M	trans-1,2-Dichloroethene	1.919	1.962	-2.2	118	0.00
20	T	Diisopropyl ether	6.347	6.297	0.8	117	0.00
21	M	1,1-Dichloroethane	3.701	3.618	2.2	115	0.00
22	M	cis-1,2-Dichloroethene	2.309	2.257	2.3	113	0.00
23	M	tert-Butyl Alcohol	0.537	0.516	3.9	118	0.00
24	M	Methyl tert-Butyl Ether	6.384	6.283	1.6	118	0.00
25	M	Chloroform	3.826	3.770	1.5	115	0.00
26		Cyclohexane	2.839	3.080	-8.5	117	0.00
27	s	1,2-Dichloroethane-d4	2.490	2.452	1.5	110	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
29		1,1-Dichloropropene	0.452	0.466	-3.1	118	0.00
30	M	2-Butanone	0.285	0.273	4.2	115	0.00
31		2,2-Dichloropropane	0.496	0.514	-3.6	125	0.00
32	M	1,1,1-Trichloroethane	0.538	0.543	-0.9	116	0.00
33	M	Carbon Tetrachloride	0.459	0.461	-0.4	118	0.00
34	M	Benzene	1.394	1.378	1.1	117	0.00
35		Methacrylonitrile	0.296	0.275	7.1	114	0.00
36	M	1,2-Dichloroethane	0.535	0.521	2.6	118	0.00
37	M	Trichloroethene	0.367	0.364	0.8	118	0.00
38		Methylcyclohexane	0.526	0.580	-10.3	124	0.00
39	M	1,2-Dichloropropane	0.378	0.372	1.6	119	0.00
40		Dibromomethane	0.274	0.257	6.2	116	0.00
41	M	Bromodichloromethane	0.497	0.474	4.6	118	0.00
42	M	Vinyl Acetate	0.860	0.834	3.0	118	0.00
43		Ethyl Acetate	0.554	0.522	5.8	116	0.00
44		Isopropyl Acetate	0.884	0.841	4.9	115	0.00
45	T	1,4-Dioxane	0.010	0.010	0.0	118	0.00
46		Methyl methacrylate	0.423	0.405	4.3	120	0.00
47		n-amyl Acetate	0.750	0.721	3.9	119	0.00
48	M	t-1,3-Dichloropropene	0.545	0.518	5.0	121	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.589	0.569	3.4	119	0.00
50	M	1,1,2-Trichloroethane	0.372	0.350	5.9	112	0.00
51		Ethyl methacrylate	0.584	0.566	3.1	118	0.00
52		1,3-Dichloropropane	0.627	0.608	3.0	115	0.00
53	M	Dibromochloromethane	0.375	0.357	4.8	119	0.00
54	M	1,2-Dibromoethane	0.390	0.383	1.8	119	0.00
55	M	2-Chloroethyl vinyl ether	0.314	0.273	13.1	103	0.00
56	M	Bromoform	0.261	0.245	6.1	120	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	0.620	0.601	3.1	114	0.00
59	M	2-Hexanone	0.472	0.462	2.1	116	0.00
60	S	4-Bromofluorobenzene	0.487	0.489	-0.4	112	0.00
61	M	Tetrachloroethene	0.359	0.373	-3.9	118	0.00
62	M	Toluene	1.683	1.706	-1.4	118	0.00
63	S	Toluene-d8	1.380	1.381	-0.1	111	0.00
64	M	Chlorobenzene	1.048	1.051	-0.3	118	0.00
65		1,1,1,2-Tetrachloroethane	0.378	0.368	2.6	117	0.00
66	M	Ethyl Benzene	1.829	1.861	-1.7	118	0.00
67	M	m/p-Xylenes	0.713	0.732	-2.7	119	0.00
68	M	o-Xylene	0.708	0.713	-0.7	117	0.00
69	M	Styrene	1.148	1.137	1.0	116	0.00
70		Isopropylbenzene	1.763	1.856	-5.3	121	0.00
71	M	1,1,2,2-Tetrachloroethane	0.643	0.627	2.5	118	0.00
72		1,2,3-Trichloropropane	0.596	0.594	0.3	119	0.00
73		Bromobenzene	0.436	0.433	0.7	119	0.00
74		n-propylbenzene	2.075	2.195	-5.8	123	0.00
75		2-Chlorotoluene	1.262	1.298	-2.9	117	0.00
76		1,3,5-Trimethylbenzene	1.515	1.566	-3.4	119	0.00
77		t-1,4-Dichloro-2-butene	0.196	0.177	9.7	119	0.00
78		4-Chlorotoluene	1.437	1.464	-1.9	120	0.00
79		tert-butylbenzene	1.438	1.470	-2.2	119	0.00
80		1,2,4-Trimethylbenzene	1.501	1.530	-1.9	119	0.00
81		sec-Butylbenzene	1.810	1.915	-5.8	119	0.00
82		p-Isopropyltoluene	1.506	1.598	-6.1	121	0.00
83	M	1,3-Dichlorobenzene	0.811	0.833	-2.7	121	0.00
84	M	1,4-Dichlorobenzene	0.808	0.826	-2.2	123	0.00
85		n-Butylbenzene	1.371	1.444	-5.3	124	0.00
86	T	Hexachloroethane	0.249	0.248	0.4	126	0.00
87	M	1,2-Dichlorobenzene	0.813	0.807	0.7	119	0.00
88		1,2-Dibromo-3-Chloropropane	0.145	0.138	4.8	117	0.00
89		1,2,4-Trichlorobenzene	0.513	0.522	-1.8	124	0.00
90		Hexachlorobutadiene	0.186	0.213	-14.5	126	0.00
91	M	Naphthalene	1.799	1.792	0.4	121	0.00
92		1,2,3-Trichlorobenzene	0.518	0.503	2.9	116	0.00

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