Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
Data File : VX029971.D
Acq On : 08 Jul 2022 14:07
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070822

Quant Time: Jul 09 02:16:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jul 09 02:10:54 2022
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	102	0.00
2	M	Dichlorodifluoromethane	2.051	1.910	6.9	91	0.00
3	M	Chloromethane	2.139	2.177	-1.8	102	0.00
4	M	Vinyl Chloride	2.424	2.328	4.0	99	0.00
5	M	Bromomethane	0.999	1.200	-20.1	106	0.00
6	M	Chloroethane	1.298	1.388	-6.9	104	0.00
7	M	Trichlorofluoromethane	3.073	2.938	4.4	98	0.00
8	T	Diethyl Ether	1.307	1.327	-1.5	106	0.00
9		1,1,2-Trichlorotrifluoroeth	2.069	1.900	8.2	94	0.00
10	M	1,1-Dichloroethene	2.113	2.035	3.7	98	0.00
11		Methyl Iodide	1.752	1.502	14.3	115	0.00
12		Methyl Acetate	3.441	3.610	-4.9	109	0.00
13	M	Acrolein	0.404	0.397	1.7	106	0.00
14	M	Acrylonitrile	1.481	1.569	-5.9	108	0.00
15	M	Acetone	0.402	0.437	-8.7	111	0.00
16	M	Carbon Disulfide	5.515	5.365	2.7	103	0.00
17		Allyl chloride	3.723	3.712	0.3	104	0.00
18	M	Methylene Chloride	2.461	2.524	-2.6	104	0.00
19	M	trans-1,2-Dichloroethene	2.293	2.274	0.8	104	0.00
20	T	Diisopropyl ether	7.458	7.589	-1.8	107	0.00
21	M	1,1-Dichloroethane	4.015	4.083	-1.7	105	0.00
22	M	cis-1,2-Dichloroethene	2.722	2.797	-2.8	107	0.00
23	M	tert-Butyl Alcohol	0.678	0.690	-1.8	110	0.00
24	M	Methyl tert-Butyl Ether	6.815	7.085	-4.0	109	0.00
25	M	Chloroform	4.002	4.115	-2.8	109	0.00
26		Cyclohexane	3.720	3.461	7.0	99	0.00
27	s	1,2-Dichloroethane-d4	2.446	2.396	2.0	102	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29		1,1-Dichloropropene	0.513	0.509	0.8	103	0.00
30	M	2-Butanone	0.346	0.377	-9.0	109	0.00
31		2,2-Dichloropropane	0.491	0.505	-2.9	106	0.00
32	M	1,1,1-Trichloroethane	0.552	0.550	0.4	102	0.00
33	M	Carbon Tetrachloride	0.463	0.449	3.0	99	0.00
34	M	Benzene	1.649	1.708	-3.6	103	0.00
35		Methacrylonitrile	0.351	0.367	-4.6	107	0.00
36	M	1,2-Dichloroethane	0.502	0.527	-5.0	107	0.00
37	M	Trichloroethene	0.441	0.459	-4.1	105	0.00
38		Methylcyclohexane	0.666	0.618	7.2	95	0.00
39	M	1,2-Dichloropropane	0.420	0.439	-4.5	104	0.00
40		Dibromomethane	0.285	0.301	-5.6	107	0.00
41	M	Bromodichloromethane	0.508	0.533	-4.9	106	0.00
42	M	Vinyl Acetate	1.108	1.198	-8.1	109	0.00
43		Ethyl Acetate	0.653	0.707	-8.3	106	0.00
44		Isopropyl Acetate	0.991	1.039	-4.8	108	0.00
45	T	1,4-Dioxane	0.012	0.012	0.0	105	0.00
46		Methyl methacrylate	0.470	0.502	-6.8	110	0.00
47		n-amyl Acetate	0.852	0.891	-4.6	113	0.00
48	M	t-1,3-Dichloropropene	0.562	0.582	-3.6	110	0.00

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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)
49	T	cis-1,3-Dichloropropene	0.631	0.655	-3.8	107	0.00
50	M	1,1,2-Trichloroethane	0.422	0.451	-6.9	107	0.00
51		Ethyl methacrylate	0.656	0.696	-6.1	110	0.00
52		1,3-Dichloropropane	0.678	0.727	-7.2	108	0.00
53	M	Dibromochloromethane	0.390	0.402	-3.1	107	0.00
54	M	1,2-Dibromoethane	0.438	0.463	-5.7	107	0.00
55	M	2-Chloroethyl vinyl ether	0.338	0.340	-0.6	102	0.00
56	M	Bromoform	0.273	0.277	-1.5	109	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.741	0.779	-5.1	110	0.00
59	M	2-Hexanone	0.573	0.607	-5.9	110	0.00
60	S	4-Bromofluorobenzene	0.565	0.555	1.8	105	0.00
61	M	Tetrachloroethene	0.450	0.458	-1.8	101	0.00
62	M	Toluene	1.996	2.026	-1.5	105	0.00
63	S	Toluene-d8	1.627	1.594	2.0	100	0.00
64	M	Chlorobenzene	1.192	1.236	-3.7	108	0.00
65		1,1,1,2-Tetrachloroethane	0.416	0.416	0.0	104	0.00
66	M	Ethyl Benzene	2.121	2.129	-0.4	104	0.00
67	M	m/p-Xylenes	0.823	0.838	-1.8	104	0.00
68	M	o-Xylene	0.819	0.850	-3.8	106	0.00
69	M	Styrene	1.356	1.382	-1.9	107	0.00
70		Isopropylbenzene	2.063	2.052	0.5	104	0.00
71	M	1,1,2,2-Tetrachloroethane	0.750	0.768	-2.4	107	0.00
72		1,2,3-Trichloropropane	0.674	0.689	-2.2	103	0.00
73		Bromobenzene	0.495	0.509	-2.8	109	0.00
74		n-propylbenzene	2.475	2.466	0.4	105	0.00
75		2-Chlorotoluene	1.458	1.480	-1.5	106	0.00
76		1,3,5-Trimethylbenzene	1.732	1.732	0.0	106	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.220	5.2	106	0.00
78		4-Chlorotoluene	1.636	1.689	-3.2	109	0.00
79		tert-butylbenzene	1.685	1.671	0.8	106	0.00
80		1,2,4-Trimethylbenzene	1.781	1.819	-2.1	110	0.00
81		sec-Butylbenzene	2.281	2.171	4.8	102	0.00
82		p-Isopropyltoluene	1.836	1.757	4.3	102	0.00
83	M	1,3-Dichlorobenzene	0.957	0.967	-1.0	108	0.00
84	M	1,4-Dichlorobenzene	0.971	0.972	-0.1	107	0.00
85		n-Butylbenzene	1.723	1.550	10.0	101	0.00
86	T	Hexachloroethane	0.305	0.277	9.2	103	0.00
87	M	1,2-Dichlorobenzene	0.945	0.951	-0.6	106	0.00
88		1,2-Dibromo-3-Chloropropane	0.171	0.171	0.0	109	0.00
89		1,2,4-Trichlorobenzene	0.585	0.571	2.4	105	0.00
90		Hexachlorobutadiene	0.222	0.204	8.1	103	0.00
91	M	Naphthalene	2.333	2.399	-2.8	109	0.00
92		1,2,3-Trichlorobenzene	0.596	0.582	2.3	107	0.00

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