Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080224\
Data File : VX042844.D
Acq On : 02 Aug 2024 15:46
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080224

Quant Time: Aug 02 21:34:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 02 21:32:14 2024
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	96	0.00
2	M	Dichlorodifluoromethane	2.175	2.040	6.2	99	0.00
3	M	Chloromethane	1.488	1.411	5.2	100	0.00
4	M	Vinyl Chloride	1.525	1.431	6.2	101	0.00
5	M	Bromomethane	0.851	0.899	-5.6	84	0.00
6	M	Chloroethane	0.908	0.917	-1.0	91	0.00
7	M	Trichlorofluoromethane	2.785	2.847	-2.2	106	0.00
8	T	Diethyl Ether	1.026	0.940	8.4	92	0.00
9		1,1,2-Trichlorotrifluoroeth	2.049	2.070	-1.0	107	0.00
10	M	1,1-Dichloroethene	1.823	1.848	-1.4	106	0.00
11		Methyl Iodide	1.810	1.586	12.4	95	0.00
12		Methyl Acetate	3.502	3.734	-6.6	98	0.00
13	M	Acrolein	0.131	0.101	22.9	93	0.00
14	M	Acrylonitrile	1.199	1.162	3.1	99	0.00
15	M	Acetone	0.411	0.369	10.2	102	0.00
16	M	Carbon Disulfide	3.825	3.551	7.2	106	0.00
17		Allyl chloride	2.609	2.668	-2.3	104	0.00
18	M	Methylene Chloride	2.337	2.326	0.5	99	0.00
19	M	trans-1,2-Dichloroethene	1.940	1.891	2.5	103	0.00
20	T	Diisopropyl ether	5.674	5.535	2.4	97	0.00
21	M	1,1-Dichloroethane	3.668	3.607	1.7	99	0.00
22	M	cis-1,2-Dichloroethene	2.479	2.409	2.8	99	0.00
23	M	tert-Butyl Alcohol	0.591	0.558	5.6	103	0.00
24	M	Methyl tert-Butyl Ether	7.020	6.744	3.9	100	0.00
25	M	Chloroform	4.150	4.091	1.4	100	-0.01
26		Cyclohexane	2.709	2.529	6.6	97	0.00
27	s	1,2-Dichloroethane-d4	2.944	2.822	4.1	98	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29		1,1-Dichloropropene	0.415	0.412	0.7	106	0.00
30	M	2-Butanone	0.278	0.257	7.6	98	0.00
31		2,2-Dichloropropane	0.528	0.531	-0.6	108	0.00
32	M	1,1,1-Trichloroethane	0.605	0.597	1.3	103	0.00
33	M	Carbon Tetrachloride	0.508	0.490	3.5	100	0.00
34	M	Benzene	1.285	1.224	4.7	97	0.00
35		Methacrylonitrile	0.258	0.243	5.8	98	0.00
36	M	1,2-Dichloroethane	0.513	0.484	5.7	97	0.00
37	M	Trichloroethene	0.331	0.338	-2.1	108	0.00
38		Methylcyclohexane	0.493	0.468	5.1	102	0.00
39	M	1,2-Dichloropropane	0.311	0.296	4.8	97	0.00
40		Dibromomethane	0.256	0.235	8.2	94	0.00
41	M	Bromodichloromethane	0.503	0.477	5.2	96	0.00
42	M	Vinyl Acetate	0.788	0.752	4.6	100	0.00
43		Ethyl Acetate	0.462	0.439	5.0	98	0.00
44		Isopropyl Acetate	0.742	0.676	8.9	95	0.00
45	T	1,4-Dioxane	0.009	0.008	11.1	91	0.00
46		Methyl methacrylate	0.359	0.327	8.9	94	0.00
47		n-amyl Acetate	0.609	0.568	6.7	101	0.00
48	M	t-1,3-Dichloropropene	0.484	0.473	2.3	104	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.519	0.496	4.4	101	0.00
50	M	1,1,2-Trichloroethane	0.343	0.334	2.6	95	0.00
51		Ethyl methacrylate	0.542	0.501	7.6	94	0.00
52		1,3-Dichloropropane	0.570	0.557	2.3	97	0.00
53	M	Dibromochloromethane	0.386	0.368	4.7	102	0.00
54	M	1,2-Dibromoethane	0.360	0.351	2.5	97	0.00
55	M	2-Chloroethyl vinyl ether	0.248	0.256	-3.2	102	0.00
56	M	Bromoform	0.260	0.243	6.5	98	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.529	0.530	-0.2	97	0.00
59	M	2-Hexanone	0.421	0.418	0.7	99	0.00
60	S	4-Bromofluorobenzene	0.500	0.495	1.0	102	0.00
61	M	Tetrachloroethene	0.314	0.304	3.2	93	0.00
62	M	Toluene	1.516	1.496	1.3	100	0.00
63	S	Toluene-d8	1.323	1.319	0.3	100	0.00
64	M	Chlorobenzene	1.009	1.012	-0.3	100	0.00
65		1,1,1,2-Tetrachloroethane	0.361	0.355	1.7	99	0.00
66	M	Ethyl Benzene	1.696	1.709	-0.8	102	0.00
67	M	m/p-Xylenes	0.655	0.656	-0.2	99	0.00
68	M	o-Xylene	0.639	0.643	-0.6	97	0.00
69	M	Styrene	1.085	1.107	-2.0	103	0.00
70		Isopropylbenzene	1.676	1.694	-1.1	102	0.00
71	M	1,1,2,2-Tetrachloroethane	0.581	0.561	3.4	95	0.00
72		1,2,3-Trichloropropane	0.501	0.526	-5.0	111	0.00
73		Bromobenzene	0.405	0.410	-1.2	104	0.00
74		n-propylbenzene	1.931	1.947	-0.8	103	0.00
75		2-Chlorotoluene	1.203	1.196	0.6	99	0.00
76		1,3,5-Trimethylbenzene	1.416	1.439	-1.6	102	0.00
77		t-1,4-Dichloro-2-butene	0.176	0.160	9.1	97	0.00
78		4-Chlorotoluene	1.377	1.373	0.3	102	0.00
79		tert-butylbenzene	1.421	1.432	-0.8	101	0.00
80		1,2,4-Trimethylbenzene	1.409	1.418	-0.6	102	0.00
81		sec-Butylbenzene	1.772	1.786	-0.8	103	0.00
82		p-Isopropyltoluene	1.471	1.546	-5.1	107	0.00
83	M	1,3-Dichlorobenzene	0.757	0.781	-3.2	104	0.00
84	M	1,4-Dichlorobenzene	0.763	0.798	-4.6	107	0.00
85		n-Butylbenzene	1.280	1.307	-2.1	108	0.00
86	T	Hexachloroethane	0.262	0.256	2.3	102	0.00
87	M	1,2-Dichlorobenzene	0.746	0.766	-2.7	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.147	0.140	4.8	100	0.00
89		1,2,4-Trichlorobenzene	0.458	0.496	-8.3	113	0.00
90		Hexachlorobutadiene	0.193	0.209	-8.3	117	0.00
91	M	Naphthalene	1.700	1.795	-5.6	111	0.00
92		1,2,3-Trichlorobenzene	0.471	0.503	-6.8	113	0.00

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