Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
Data File : VX033369.D
Acq On : 12 Dec 2022 12:55
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121222

Quant Time: Dec 13 07:30:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Dec 12 12:37:35 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	105	0.00
2	M	Dichlorodifluoromethane	2.191	2.385	-8.9	109	0.00
3	M	Chloromethane	2.211	2.456	-11.1	115	0.00
4	M	Vinyl Chloride	2.653	2.858	-7.7	112	0.00
5	M	Bromomethane	1.940	2.154	-11.0	117	0.00
6	M	Chloroethane	1.961	2.039	-4.0	103	0.00
7	M	Trichlorofluoromethane	5.408	5.705	-5.5	106	0.00
8	T	Diethyl Ether	1.689	1.322	21.7	74	0.00
9		1,1,2-Trichlorotrifluoroeth	2.746	3.136	-14.2	110	0.00
10	M	1,1-Dichloroethene	2.585	2.945	-13.9	111	0.00
11		Methyl Iodide	2.936	3.036	-3.4	104	0.00
12		Methyl Acetate	3.646	3.909	-7.2	110	0.00
13	M	Acrolein	0.577	0.503	12.8	84	0.00
14	M	Acrylonitrile	1.325	1.416	-6.9	112	0.00
15	M	Acetone	0.456	0.532	-16.7	105	0.00
16	M	Carbon Disulfide	6.965	7.472	-7.3	108	0.00
17		Allyl chloride	4.244	4.508	-6.2	110	0.00
18	M	Methylene Chloride	3.001	3.228	-7.6	112	0.00
19	M	trans-1,2-Dichloroethene	3.012	3.160	-4.9	110	0.00
20	T	Diisopropyl ether	8.930	9.471	-6.1	109	0.00
21	M	1,1-Dichloroethane	5.267	5.611	-6.5	111	0.00
22	M	cis-1,2-Dichloroethene	3.496	3.708	-6.1	111	0.00
23	M	tert-Butyl Alcohol	0.565	0.640	-13.3	117	0.00
24	M	Methyl tert-Butyl Ether	9.355	9.882	-5.6	110	0.00
25	M	Chloroform	5.994	6.331	-5.6	108	0.00
26		Cyclohexane	4.607	4.933	-7.1	112	0.00
27	s	1,2-Dichloroethane-d4	2.635	2.587	1.8	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29		1,1-Dichloropropene	0.606	0.653	-7.8	111	0.00
30	M	2-Butanone	0.283	0.304	-7.4	105	0.00
31		2,2-Dichloropropane	0.637	0.663	-4.1	109	0.00
32	M	1,1,1-Trichloroethane	0.783	0.826	-5.5	108	0.00
33	M	Carbon Tetrachloride	0.716	0.754	-5.3	108	0.00
34	M	Benzene	1.738	1.844	-6.1	111	0.00
35		Methacrylonitrile	0.290	0.311	-7.2	113	0.00
36	M	1,2-Dichloroethane	0.668	0.708	-6.0	105	0.00
37	M	Trichloroethene	0.493	0.534	-8.3	112	0.00
38		Methylcyclohexane	0.714	0.762	-6.7	113	0.00
39	M	1,2-Dichloropropane	0.433	0.458	-5.8	110	0.00
40		Dibromomethane	0.332	0.354	-6.6	112	0.00
41	M	Bromodichloromethane	0.679	0.713	-5.0	107	0.00
42	M	Vinyl Acetate	0.981	1.050	-7.0	111	0.00
43		Ethyl Acetate	0.510	0.540	-5.9	110	0.00
44		Isopropyl Acetate	0.865	0.897	-3.7	107	0.00
45	T	1,4-Dioxane	0.010	0.012	-20.0	112	-0.01
46		Methyl methacrylate	0.431	0.459	-6.5	110	0.00
47		n-amyl Acetate	0.726	0.785	-8.1	112	0.00
48	M	t-1,3-Dichloropropene	0.681	0.697	-2.3	106	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.731	0.759	-3.8	109	0.00
50	M	1,1,2-Trichloroethane	0.458	0.492	-7.4	110	0.00
51		Ethyl methacrylate	0.655	0.701	-7.0	113	0.00
52		1,3-Dichloropropane	0.749	0.811	-8.3	111	0.00
53	M	Dibromochloromethane	0.551	0.567	-2.9	106	0.00
54	M	1,2-Dibromoethane	0.502	0.533	-6.2	109	0.00
55	M	2-Chloroethyl vinyl ether	0.308	0.309	-0.3	112	0.00
56	M	Bromoform	0.398	0.405	-1.8	106	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
58	M	4-Methyl-2-Pentanone	0.485	0.512	-5.6	108	0.00
59	M	2-Hexanone	0.371	0.405	-9.2	107	0.00
60	S	4-Bromofluorobenzene	0.556	0.556	0.0	106	0.00
61	M	Tetrachloroethene	0.402	0.425	-5.7	110	0.00
62	M	Toluene	1.821	1.920	-5.4	109	0.00
63	S	Toluene-d8	0.998	0.999	-0.1	106	0.00
64	M	Chlorobenzene	1.152	1.222	-6.1	111	0.00
65		1,1,1,2-Tetrachloroethane	0.455	0.473	-4.0	107	0.00
66	M	Ethyl Benzene	2.052	2.193	-6.9	110	0.00
67	M	m/p-Xylenes	0.802	0.854	-6.5	111	0.00
68	M	o-Xylene	0.781	0.833	-6.7	111	0.00
69	M	Styrene	1.298	1.372	-5.7	109	0.00
70		Isopropylbenzene	2.074	2.232	-7.6	111	0.00
71	M	1,1,2,2-Tetrachloroethane	0.613	0.661	-7.8	111	0.00
72		1,2,3-Trichloropropane	0.546	0.596	-9.2	109	0.00
73		Bromobenzene	0.513	0.553	-7.8	113	0.00
74		n-propylbenzene	2.376	2.558	-7.7	112	0.00
75		2-Chlorotoluene	1.428	1.531	-7.2	111	0.00
76		1,3,5-Trimethylbenzene	1.743	1.906	-9.4	113	0.00
77		t-1,4-Dichloro-2-butene	0.182	0.178	2.2	104	0.00
78		4-Chlorotoluene	1.637	1.754	-7.1	109	0.00
79		tert-butylbenzene	1.728	1.873	-8.4	111	0.00
80		1,2,4-Trimethylbenzene	1.714	1.898	-10.7	113	0.00
81		sec-Butylbenzene	2.077	2.254	-8.5	112	0.00
82		p-Isopropyltoluene	1.771	1.918	-8.3	112	0.00
83	M	1,3-Dichlorobenzene	0.944	1.032	-9.3	113	0.00
84	M	1,4-Dichlorobenzene	0.951	1.034	-8.7	114	0.00
85		n-Butylbenzene	1.479	1.592	-7.6	116	0.00
86	T	Hexachloroethane	0.314	0.313	0.3	106	0.00
87	M	1,2-Dichlorobenzene	0.931	1.011	-8.6	112	0.00
88		1,2-Dibromo-3-Chloropropane	0.134	0.140	-4.5	107	0.00
89		1,2,4-Trichlorobenzene	0.575	0.627	-9.0	118	0.00
90		Hexachlorobutadiene	0.244	0.274	-12.3	118	0.00
91	M	Naphthalene	1.860	2.038	-9.6	116	0.00
92		1,2,3-Trichlorobenzene	0.576	0.623	-8.2	116	0.00

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