Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033458.D
Acq On : 16 Dec 2022 13:59
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Dec 17 07:46:45 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	103	0.00
2	M	Dichlorodifluoromethane	2.191	2.089	4.7	94	0.00
3	M	Chloromethane	2.211	2.258	-2.1	104	0.00
4	M	Vinyl Chloride	2.653	2.553	3.8	99	0.00
5	M	Bromomethane	1.940	2.048	-5.6	109	0.00
6	M	Chloroethane	1.961	1.291	34.2#	64	0.00
7	M	Trichlorofluoromethane	5.408	3.590	33.6#	66	0.00
8	T	Diethyl Ether	1.689	1.331	21.2	73	0.00
9		1,1,2-Trichlorotrifluoroeth	2.746	2.012	26.7#	70	0.00
10	M	1,1-Dichloroethene	2.585	2.019	21.9	75	0.00
11		Methyl Iodide	2.936	3.172	-8.0	107	0.00
12		Methyl Acetate	3.646	4.145	-13.7	115	0.00
13	M	Acrolein	0.577	0.660	-14.4	108	0.00
14	M	Acrylonitrile	1.325	1.437	-8.5	112	0.00
15	M	Acetone	0.456	0.278	39.0#	54	-0.01
16	M	Carbon Disulfide	6.965	6.110	12.3	87	0.00
17		Allyl chloride	4.244	4.037	4.9	97	0.00
18	M	Methylene Chloride	3.001	3.043	-1.4	104	0.00
19	M	trans-1,2-Dichloroethene	3.012	2.903	3.6	100	0.00
20	T	Diisopropyl ether	8.930	9.295	-4.1	105	0.00
21	M	1,1-Dichloroethane	5.267	5.279	-0.2	103	0.00
22	M	cis-1,2-Dichloroethene	3.496	3.454	1.2	102	0.00
23	M	tert-Butyl Alcohol	0.565	0.461	18.4	83	-0.04
24	M	Methyl tert-Butyl Ether	9.355	9.510	-1.7	104	0.00
25	M	Chloroform	5.994	6.011	-0.3	101	0.00
26		Cyclohexane	4.607	4.361	5.3	97	0.00
27	s	1,2-Dichloroethane-d4	2.635	2.700	-2.5	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29		1,1-Dichloropropene	0.606	0.596	1.7	96	0.00
30	M	2-Butanone	0.283	0.291	-2.8	96	0.00
31		2,2-Dichloropropane	0.637	0.578	9.3	90	0.00
32	M	1,1,1-Trichloroethane	0.783	0.766	2.2	95	0.00
33	M	Carbon Tetrachloride	0.716	0.664	7.3	90	0.00
34	M	Benzene	1.738	1.805	-3.9	103	0.00
35		Methacrylonitrile	0.290	0.339	-16.9	117	0.00
36	M	1,2-Dichloroethane	0.668	0.728	-9.0	103	0.00
37	M	Trichloroethene	0.493	0.497	-0.8	99	0.00
38		Methylcyclohexane	0.714	0.676	5.3	95	0.00
39	M	1,2-Dichloropropane	0.433	0.449	-3.7	102	0.00
40		Dibromomethane	0.332	0.354	-6.6	106	0.00
41	M	Bromodichloromethane	0.679	0.676	0.4	96	0.00
42	M	Vinyl Acetate	0.981	1.054	-7.4	105	0.00
43		Ethyl Acetate	0.510	0.590	-15.7	114	0.00
44		Isopropyl Acetate	0.865	0.936	-8.2	106	0.00
45	T	1,4-Dioxane	0.010	0.009	10.0	81	-0.04
46		Methyl methacrylate	0.431	0.475	-10.2	108	0.00
47		n-amyl Acetate	0.726	0.805	-10.9	109	0.00
48	M	t-1,3-Dichloropropene	0.681	0.647	5.0	94	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.731	0.713	2.5	97	0.00
50	M	1,1,2-Trichloroethane	0.458	0.510	-11.4	108	0.00
51		Ethyl methacrylate	0.655	0.700	-6.9	107	0.00
52		1,3-Dichloropropane	0.749	0.808	-7.9	104	0.00
53	M	Dibromochloromethane	0.551	0.533	3.3	95	0.00
54	M	1,2-Dibromoethane	0.502	0.541	-7.8	105	0.00
55	M	2-Chloroethyl vinyl ether	0.308	0.345	-12.0	118	0.00
56	M	Bromoform	0.398	0.371	6.8	92	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.485	0.540	-11.3	111	0.00
59	M	2-Hexanone	0.371	0.401	-8.1	103	0.00
60	S	4-Bromofluorobenzene	0.556	0.550	1.1	102	0.00
61	M	Tetrachloroethene	0.402	0.390	3.0	98	0.00
62	M	Toluene	1.821	1.806	0.8	99	0.00
63	S	Toluene-d8	0.998	0.982	1.6	101	0.00
64	M	Chlorobenzene	1.152	1.160	-0.7	102	0.00
65		1,1,1,2-Tetrachloroethane	0.455	0.439	3.5	97	0.00
66	M	Ethyl Benzene	2.052	2.022	1.5	99	0.00
67	M	m/p-Xylenes	0.802	0.800	0.2	101	0.00
68	M	o-Xylene	0.781	0.785	-0.5	101	0.00
69	M	Styrene	1.298	1.283	1.2	99	0.00
70		Isopropylbenzene	2.074	2.021	2.6	97	0.00
71	M	1,1,2,2-Tetrachloroethane	0.613	0.659	-7.5	108	0.00
72		1,2,3-Trichloropropane	0.546	0.592	-8.4	105	0.00
73		Bromobenzene	0.513	0.518	-1.0	103	0.00
74		n-propylbenzene	2.376	2.300	3.2	98	0.00
75		2-Chlorotoluene	1.428	1.399	2.0	99	0.00
76		1,3,5-Trimethylbenzene	1.743	1.712	1.8	98	0.00
77		t-1,4-Dichloro-2-butene	0.182	0.163	10.4	92	0.00
78		4-Chlorotoluene	1.637	1.605	2.0	97	0.00
79		tert-butylbenzene	1.728	1.649	4.6	95	0.00
80		1,2,4-Trimethylbenzene	1.714	1.729	-0.9	100	0.00
81		sec-Butylbenzene	2.077	1.998	3.8	97	0.00
82		p-Isopropyltoluene	1.771	1.674	5.5	95	0.00
83	M	1,3-Dichlorobenzene	0.944	0.942	0.2	100	0.00
84	M	1,4-Dichlorobenzene	0.951	0.945	0.6	101	0.00
85		n-Butylbenzene	1.479	1.370	7.4	97	0.00
86	T	Hexachloroethane	0.314	0.257	18.2	85	0.00
87	M	1,2-Dichlorobenzene	0.931	0.946	-1.6	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.134	0.130	3.0	97	0.00
89		1,2,4-Trichlorobenzene	0.575	0.561	2.4	103	0.00
90		Hexachlorobutadiene	0.244	0.235	3.7	98	0.00
91	M	Naphthalene	1.860	1.971	-6.0	109	0.00
92		1,2,3-Trichlorobenzene	0.576	0.571	0.9	103	0.00

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