Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033450.D
Acq On : 16 Dec 2022 10:17
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Dec 17 07:40:50 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	99	0.00
2	M	Dichlorodifluoromethane	2.191	2.234	-2.0	97	0.00
3	M	Chloromethane	2.211	2.210	0.0	98	0.00
4	M	Vinyl Chloride	2.653	2.498	5.8	93	0.00
5	M	Bromomethane	1.940	2.010	-3.6	103	0.00
6	M	Chloroethane	1.961	2.037	-3.9	97	0.00
7	M	Trichlorofluoromethane	5.408	3.931	27.3#	69	0.00
8	T	Diethyl Ether	1.689	1.354	19.8	71	0.00
9		1,1,2-Trichlorotrifluoroeth	2.746	2.220	19.2	74	0.00
10	M	1,1-Dichloroethene	2.585	2.036	21.2	73	0.00
11		Methyl Iodide	2.936	2.246	23.5	73	0.00
12		Methyl Acetate	3.646	4.046	-11.0	108	0.00
13	M	Acrolein	0.577	0.674	-16.8	106	0.00
14	M	Acrylonitrile	1.325	1.389	-4.8	104	0.00
15	M	Acetone	0.456	0.356	21.9	67	0.00
16	M	Carbon Disulfide	6.965	4.871	30.1#	67	0.00
17		Allyl chloride	4.244	4.063	4.3	94	0.00
18	M	Methylene Chloride	3.001	2.974	0.9	98	0.00
19	M	trans-1,2-Dichloroethene	3.012	2.943	2.3	97	0.00
20	T	Diisopropyl ether	8.930	9.289	-4.0	101	0.00
21	M	1,1-Dichloroethane	5.267	5.376	-2.1	101	0.00
22	M	cis-1,2-Dichloroethene	3.496	3.568	-2.1	101	-0.01
23	M	tert-Butyl Alcohol	0.565	0.542	4.1	94	-0.01
24	M	Methyl tert-Butyl Ether	9.355	9.679	-3.5	102	0.00
25	M	Chloroform	5.994	6.106	-1.9	99	0.00
26		Cyclohexane	4.607	4.610	-0.1	99	0.00
27	s	1,2-Dichloroethane-d4	2.635	2.723	-3.3	100	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29		1,1-Dichloropropene	0.606	0.619	-2.1	98	0.00
30	M	2-Butanone	0.283	0.301	-6.4	97	0.00
31		2,2-Dichloropropane	0.637	0.619	2.8	94	0.00
32	M	1,1,1-Trichloroethane	0.783	0.796	-1.7	96	0.00
33	M	Carbon Tetrachloride	0.716	0.704	1.7	93	0.00
34	M	Benzene	1.738	1.798	-3.5	100	0.00
35		Methacrylonitrile	0.290	0.324	-11.7	110	0.00
36	M	1,2-Dichloroethane	0.668	0.718	-7.5	99	0.00
37	M	Trichloroethene	0.493	0.508	-3.0	99	0.00
38		Methylcyclohexane	0.714	0.739	-3.5	102	0.00
39	M	1,2-Dichloropropane	0.433	0.465	-7.4	103	0.00
40		Dibromomethane	0.332	0.354	-6.6	104	0.00
41	M	Bromodichloromethane	0.679	0.678	0.1	94	0.00
42	M	Vinyl Acetate	0.981	1.053	-7.3	103	0.00
43		Ethyl Acetate	0.510	0.555	-8.8	105	0.00
44		Isopropyl Acetate	0.865	0.906	-4.7	101	0.00
45	T	1,4-Dioxane	0.010	0.011	-10.0	96	-0.01
46		Methyl methacrylate	0.431	0.472	-9.5	105	0.00
47		n-amyl Acetate	0.726	0.776	-6.9	103	0.00
48	M	t-1,3-Dichloropropene	0.681	0.671	1.5	95	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.731	0.746	-2.1	99	0.00
50	M	1,1,2-Trichloroethane	0.458	0.510	-11.4	106	0.00
51		Ethyl methacrylate	0.655	0.692	-5.6	103	0.00
52		1,3-Dichloropropane	0.749	0.789	-5.3	100	0.00
53	M	Dibromochloromethane	0.551	0.559	-1.5	97	0.00
54	M	1,2-Dibromoethane	0.502	0.533	-6.2	101	0.00
55	M	2-Chloroethyl vinyl ether	0.308	0.310	-0.6	104	0.00
56	M	Bromoform	0.398	0.385	3.3	93	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.485	0.530	-9.3	105	0.00
59	M	2-Hexanone	0.371	0.399	-7.5	100	0.00
60	S	4-Bromofluorobenzene	0.556	0.556	0.0	100	0.00
61	M	Tetrachloroethene	0.402	0.405	-0.7	98	0.00
62	M	Toluene	1.821	1.851	-1.6	99	0.00
63	S	Toluene-d8	0.998	1.001	-0.3	100	0.00
64	M	Chlorobenzene	1.152	1.178	-2.3	101	0.00
65		1,1,1,2-Tetrachloroethane	0.455	0.448	1.5	96	0.00
66	M	Ethyl Benzene	2.052	2.093	-2.0	99	0.00
67	M	m/p-Xylenes	0.802	0.825	-2.9	101	0.00
68	M	o-Xylene	0.781	0.795	-1.8	99	0.00
69	M	Styrene	1.298	1.310	-0.9	98	0.00
70		Isopropylbenzene	2.074	2.111	-1.8	98	0.00
71	M	1,1,2,2-Tetrachloroethane	0.613	0.652	-6.4	104	0.00
72		1,2,3-Trichloropropane	0.546	0.604	-10.6	104	0.00
73		Bromobenzene	0.513	0.525	-2.3	101	0.00
74		n-propylbenzene	2.376	2.456	-3.4	101	0.00
75		2-Chlorotoluene	1.428	1.483	-3.9	101	0.00
76		1,3,5-Trimethylbenzene	1.743	1.807	-3.7	100	0.00
77		t-1,4-Dichloro-2-butene	0.182	0.169	7.1	93	0.00
78		4-Chlorotoluene	1.637	1.700	-3.8	100	0.00
79		tert-butylbenzene	1.728	1.771	-2.5	99	0.00
80		1,2,4-Trimethylbenzene	1.714	1.793	-4.6	101	0.00
81		sec-Butylbenzene	2.077	2.177	-4.8	102	0.00
82		p-Isopropyltoluene	1.771	1.839	-3.8	101	0.00
83	M	1,3-Dichlorobenzene	0.944	0.989	-4.8	102	0.00
84	M	1,4-Dichlorobenzene	0.951	1.000	-5.2	103	0.00
85		n-Butylbenzene	1.479	1.516	-2.5	104	0.00
86	T	Hexachloroethane	0.314	0.290	7.6	92	0.00
87	M	1,2-Dichlorobenzene	0.931	0.961	-3.2	100	0.00
88		1,2-Dibromo-3-Chloropropane	0.134	0.132	1.5	95	0.00
89		1,2,4-Trichlorobenzene	0.575	0.600	-4.3	107	0.00
90		Hexachlorobutadiene	0.244	0.265	-8.6	108	0.00
91	M	Naphthalene	1.860	1.935	-4.0	104	0.00
92		1,2,3-Trichlorobenzene	0.576	0.597	-3.6	104	0.00

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