Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032760.D
Acq On : 11 Nov 2022 09:17
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Nov 14 04:54:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 11 05:24:06 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	95	0.00
2	M	Dichlorodifluoromethane	2.655	2.940	-10.7	98	0.00
3	M	Chloromethane	2.635	2.897	-9.9	99	0.00
4	M	Vinyl Chloride	2.979	3.266	-9.6	98	0.00
5	M	Bromomethane	2.645	2.763	-4.5	97	0.00
6	M	Chloroethane	2.353	2.502	-6.3	99	0.00
7	M	Trichlorofluoromethane	5.743	6.339	-10.4	100	0.00
8	T	Diethyl Ether	1.857	2.016	-8.6	100	0.00
9		1,1,2-Trichlorotrifluoroeth	3.055	3.440	-12.6	103	0.00
10	M	1,1-Dichloroethene	2.918	3.140	-7.6	100	0.00
11		Methyl Iodide	3.138	3.338	-6.4	108	0.00
12		Methyl Acetate	4.323	4.623	-6.9	98	0.00
13	M	Acrolein	0.576	0.697	-21.0	117	0.00
14	M	Acrylonitrile	1.550	1.673	-7.9	102	0.00
15	M	Acetone	0.403	0.541	-34.2#	122	0.00
16	M	Carbon Disulfide	7.265	7.674	-5.6	101	0.00
17		Allyl chloride	4.637	5.010	-8.0	103	0.00
18	M	Methylene Chloride	3.366	3.406	-1.2	94	0.00
19	M	trans-1,2-Dichloroethene	3.215	3.443	-7.1	101	0.00
20	T	Diisopropyl ether	10.398	10.700	-2.9	98	0.00
21	M	1,1-Dichloroethane	5.837	6.207	-6.3	98	0.00
22	M	cis-1,2-Dichloroethene	3.754	4.002	-6.6	101	-0.01
23	M	tert-Butyl Alcohol	0.503	0.630	-25.2#	106	0.00
24	M	Methyl tert-Butyl Ether	10.450	10.912	-4.4	99	0.00
25	M	Chloroform	6.510	6.821	-4.8	100	0.00
26		Cyclohexane	5.098	5.514	-8.2	102	0.00
27	s	1,2-Dichloroethane-d4	2.894	2.995	-3.5	97	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29		1,1-Dichloropropene	0.665	0.690	-3.8	102	0.00
30	M	2-Butanone	0.310	0.348	-12.3	110	0.00
31		2,2-Dichloropropane	0.569	0.708	-24.4	123	0.00
32	M	1,1,1-Trichloroethane	0.837	0.834	0.4	99	0.00
33	M	Carbon Tetrachloride	0.735	0.749	-1.9	102	-0.01
34	M	Benzene	1.875	1.909	-1.8	100	0.00
35		Methacrylonitrile	0.351	0.336	4.3	95	-0.01
36	M	1,2-Dichloroethane	0.772	0.777	-0.6	97	0.00
37	M	Trichloroethene	0.524	0.525	-0.2	98	0.00
38		Methylcyclohexane	0.745	0.802	-7.7	106	0.00
39	M	1,2-Dichloropropane	0.475	0.482	-1.5	101	0.00
40		Dibromomethane	0.362	0.360	0.6	97	0.00
41	M	Bromodichloromethane	0.691	0.693	-0.3	101	0.00
42	M	Vinyl Acetate	1.192	1.205	-1.1	101	0.00
43		Ethyl Acetate	0.624	0.652	-4.5	101	0.00
44		Isopropyl Acetate	1.046	1.040	0.6	100	0.00
45	T	1,4-Dioxane	0.010	0.011	-10.0	105	0.00
46		Methyl methacrylate	0.526	0.524	0.4	99	0.00
47		n-amyl Acetate	0.930	0.949	-2.0	102	0.00
48	M	t-1,3-Dichloropropene	0.708	0.721	-1.8	105	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.748	0.761	-1.7	103	0.00
50	M	1,1,2-Trichloroethane	0.498	0.501	-0.6	102	0.00
51		Ethyl methacrylate	0.744	0.741	0.4	100	0.00
52		1,3-Dichloropropane	0.814	0.838	-2.9	100	0.00
53	M	Dibromochloromethane	0.542	0.536	1.1	102	0.00
54	M	1,2-Dibromoethane	0.537	0.542	-0.9	102	0.00
55	M	2-Chloroethyl vinyl ether	0.360	0.348	3.3	96	0.00
56	M	Bromoform	0.388	0.371	4.4	100	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58	M	4-Methyl-2-Pentanone	0.587	0.620	-5.6	100	0.00
59	M	2-Hexanone	0.432	0.487	-12.7	106	0.00
60	S	4-Bromofluorobenzene	0.574	0.576	-0.3	100	0.00
61	M	Tetrachloroethene	0.419	0.429	-2.4	101	0.00
62	M	Toluene	1.951	2.007	-2.9	100	0.00
63	S	Toluene-d8	1.012	1.015	-0.3	98	0.00
64	M	Chlorobenzene	1.206	1.248	-3.5	101	0.00
65		1,1,1,2-Tetrachloroethane	0.459	0.469	-2.2	100	0.00
66	M	Ethyl Benzene	2.189	2.294	-4.8	102	0.00
67	M	m/p-Xylenes	0.852	0.884	-3.8	102	0.00
68	M	o-Xylene	0.836	0.862	-3.1	101	0.00
69	M	Styrene	1.389	1.438	-3.5	102	0.00
70		Isopropylbenzene	2.231	2.329	-4.4	102	0.00
71	M	1,1,2,2-Tetrachloroethane	0.677	0.712	-5.2	101	0.00
72		1,2,3-Trichloropropane	0.588	0.633	-7.7	101	0.00
73		Bromobenzene	0.542	0.557	-2.8	100	0.00
74		n-propylbenzene	2.535	2.684	-5.9	104	0.00
75		2-Chlorotoluene	1.535	1.630	-6.2	104	0.00
76		1,3,5-Trimethylbenzene	1.886	1.971	-4.5	102	0.00
77		t-1,4-Dichloro-2-butene	0.179	0.191	-6.7	111	0.00
78		4-Chlorotoluene	1.768	1.879	-6.3	104	0.00
79		tert-butylbenzene	1.833	1.909	-4.1	103	0.00
80		1,2,4-Trimethylbenzene	1.844	1.976	-7.2	103	0.00
81		sec-Butylbenzene	2.207	2.389	-8.2	106	0.00
82		p-Isopropyltoluene	1.860	2.007	-7.9	106	0.00
83	M	1,3-Dichlorobenzene	0.995	1.068	-7.3	104	0.00
84	M	1,4-Dichlorobenzene	0.999	1.066	-6.7	104	0.00
85		n-Butylbenzene	1.576	1.719	-9.1	108	0.00
86	T	Hexachloroethane	0.305	0.309	-1.3	104	0.00
87	M	1,2-Dichlorobenzene	0.989	1.029	-4.0	101	0.00
88		1,2-Dibromo-3-Chloropropane	0.144	0.154	-6.9	111	0.00
89		1,2,4-Trichlorobenzene	0.607	0.653	-7.6	107	0.00
90		Hexachlorobutadiene	0.244	0.274	-12.3	111	0.00
91	M	Naphthalene	2.049	2.140	-4.4	102	0.00
92		1,2,3-Trichlorobenzene	0.611	0.645	-5.6	102	0.00

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