Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027101.D
Acq On : 18 Feb 2022 11:20
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Feb 21 00:18:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 18 05:14:00 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	113	0.00
2	M	Dichlorodifluoromethane	1.722	1.769	-2.7	109	0.00
3	M	Chloromethane	1.636	1.535	6.2	100	0.00
4	M	Vinyl Chloride	1.632	1.588	2.7	108	0.00
5	M	Bromomethane	0.797	1.049	-31.6#	117	0.00
6	M	Chloroethane	0.974	0.970	0.4	106	0.00
7	M	Trichlorofluoromethane	2.544	2.612	-2.7	113	0.00
8	T	Diethyl Ether	0.915	0.887	3.1	108	0.00
9		1,1,2-Trichlorotrifluoroeth	1.772	1.819	-2.7	113	0.00
10	M	1,1-Dichloroethene	1.740	1.735	0.3	109	0.00
11		Methyl Iodide	2.300	1.969	14.4	99	0.00
12		Methyl Acetate	2.566	2.498	2.7	106	0.00
13	M	Acrolein	0.418	0.374	10.5	118	0.00
14	M	Acrylonitrile	1.124	1.091	2.9	104	0.00
15	M	Acetone	0.302	0.380	-25.8#	133	0.00
16	M	Carbon Disulfide	4.559	4.642	-1.8	114	0.00
17		Allyl chloride	3.124	3.035	2.8	109	0.00
18	M	Methylene Chloride	1.962	1.884	4.0	105	0.00
19	M	trans-1,2-Dichloroethene	1.897	1.899	-0.1	111	0.00
20	T	Diisopropyl ether	6.178	6.182	-0.1	108	0.00
21	M	1,1-Dichloroethane	3.439	3.351	2.6	107	0.00
22	M	cis-1,2-Dichloroethene	2.182	2.180	0.1	110	0.00
23	M	tert-Butyl Alcohol	0.440	0.394	10.5	99	0.00
24	M	Methyl tert-Butyl Ether	6.111	5.952	2.6	108	0.00
25	M	Chloroform	3.526	3.506	0.6	109	0.00
26		Cyclohexane	3.189	3.239	-1.6	111	-0.01
27	s	1,2-Dichloroethane-d4	2.169	2.118	2.4	111	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
29		1,1-Dichloropropene	0.477	0.483	-1.3	109	0.00
30	M	2-Butanone	0.286	0.307	-7.3	113	0.00
31		2,2-Dichloropropane	0.420	0.476	-13.3	128	0.00
32	M	1,1,1-Trichloroethane	0.565	0.573	-1.4	111	0.00
33	M	Carbon Tetrachloride	0.495	0.507	-2.4	113	0.00
34	M	Benzene	1.400	1.417	-1.2	109	0.00
35		Methacrylonitrile	0.296	0.292	1.4	106	0.00
36	M	1,2-Dichloroethane	0.504	0.510	-1.2	108	0.00
37	M	Trichloroethene	0.412	0.421	-2.2	111	0.00
38		Methylcyclohexane	0.587	0.632	-7.7	116	0.00
39	M	1,2-Dichloropropane	0.353	0.354	-0.3	108	0.00
40		Dibromomethane	0.253	0.247	2.4	106	0.00
41	M	Bromodichloromethane	0.477	0.477	0.0	109	0.00
42	M	Vinyl Acetate	0.972	0.977	-0.5	107	0.00
43		Ethyl Acetate	0.547	0.529	3.3	101	0.00
44		Isopropyl Acetate	0.846	0.833	1.5	106	0.00
45	T	1,4-Dioxane	0.009	0.008	11.1	94	0.00
46		Methyl methacrylate	0.415	0.411	1.0	106	0.00
47		n-amyl Acetate	0.672	0.642	4.5	104	0.00
48	M	t-1,3-Dichloropropene	0.475	0.480	-1.1	115	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.538	0.550	-2.2	113	0.00
50	M	1,1,2-Trichloroethane	0.348	0.354	-1.7	105	0.00
51		Ethyl methacrylate	0.554	0.550	0.7	106	0.00
52		1,3-Dichloropropane	0.596	0.590	1.0	105	0.00
53	M	Dibromochloromethane	0.361	0.365	-1.1	111	0.00
54	M	1,2-Dibromoethane	0.371	0.375	-1.1	109	0.00
55	M	2-Chloroethyl vinyl ether	0.270	0.256	5.2	115	0.00
56	M	Bromoform	0.251	0.251	0.0	114	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	0.617	0.617	0.0	105	0.00
59	M	2-Hexanone	0.469	0.482	-2.8	108	0.00
60	S	4-Bromofluorobenzene	0.488	0.483	1.0	110	0.00
61	M	Tetrachloroethene	0.484	0.485	-0.2	105	0.00
62	M	Toluene	1.699	1.720	-1.2	108	0.00
63	S	Toluene-d8	1.345	1.340	0.4	110	0.00
64	M	Chlorobenzene	1.052	1.079	-2.6	112	0.00
65		1,1,1,2-Tetrachloroethane	0.389	0.395	-1.5	113	0.00
66	M	Ethyl Benzene	1.871	1.906	-1.9	109	0.00
67	M	m/p-Xylenes	0.723	0.746	-3.2	110	0.00
68	M	o-Xylene	0.710	0.740	-4.2	111	0.00
69	M	Styrene	1.175	1.198	-2.0	110	0.00
70		Isopropylbenzene	1.840	1.910	-3.8	110	0.00
71	M	1,1,2,2-Tetrachloroethane	0.542	0.551	-1.7	107	0.00
72		1,2,3-Trichloropropane	0.541	0.488	9.8	97	0.00
73		Bromobenzene	0.451	0.448	0.7	106	0.00
74		n-propylbenzene	2.103	2.183	-3.8	112	0.00
75		2-Chlorotoluene	1.301	1.314	-1.0	108	0.00
76		1,3,5-Trimethylbenzene	1.540	1.595	-3.6	111	0.00
77		t-1,4-Dichloro-2-butene	0.157	0.155	1.3	116	0.00
78		4-Chlorotoluene	1.454	1.495	-2.8	110	0.00
79		tert-butylbenzene	1.470	1.497	-1.8	112	0.00
80		1,2,4-Trimethylbenzene	1.537	1.582	-2.9	110	0.00
81		sec-Butylbenzene	1.883	1.967	-4.5	112	0.00
82		p-Isopropyltoluene	1.582	1.645	-4.0	112	0.00
83	M	1,3-Dichlorobenzene	0.838	0.857	-2.3	111	0.00
84	M	1,4-Dichlorobenzene	0.841	0.864	-2.7	111	0.00
85		n-Butylbenzene	1.314	1.390	-5.8	117	0.00
86	T	Hexachloroethane	0.251	0.248	1.2	114	0.00
87	M	1,2-Dichlorobenzene	0.813	0.849	-4.4	110	0.00
88		1,2-Dibromo-3-Chloropropane	0.133	0.128	3.8	108	0.00
89		1,2,4-Trichlorobenzene	0.512	0.536	-4.7	117	0.00
90		Hexachlorobutadiene	0.214	0.231	-7.9	121	0.00
91	M	Naphthalene	1.800	1.854	-3.0	113	0.00
92		1,2,3-Trichlorobenzene	0.518	0.544	-5.0	117	0.00

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