Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011422\
Data File : VX026455.D
Acq On : 14 Jan 2022 15:03
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jan 17 05:59:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 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	78	0.00
2	M	Dichlorodifluoromethane	1.807	1.850	-2.4	66	0.00
3	M	Chloromethane	1.579	1.672	-5.9	71	0.00
4	M	Vinyl Chloride	1.745	1.715	1.7	67	0.00
5	M	Bromomethane	0.786	0.974	-23.9	82	0.00
6	M	Chloroethane	0.990	1.041	-5.2	70	0.00
7	M	Trichlorofluoromethane	2.766	2.645	4.4	65	0.00
8	T	Diethyl Ether	0.987	1.000	-1.3	70	0.00
9		1,1,2-Trichlorotrifluoroeth	1.726	1.736	-0.6	68	0.00
10	M	1,1-Dichloroethene	1.613	1.600	0.8	69	0.00
11		Methyl Iodide	1.751	1.725	1.5	74	0.00
12		Methyl Acetate	3.378	3.596	-6.5	74	0.00
13	M	Acrolein	0.350	0.301	14.0	74	0.00
14	M	Acrylonitrile	0.942	1.022	-8.5	75	0.00
15	M	Acetone	0.296	0.314	-6.1	68	0.00
16	M	Carbon Disulfide	4.554	4.348	4.5	67	0.00
17		Allyl chloride	3.104	2.951	4.9	68	0.00
18	M	Methylene Chloride	1.776	1.853	-4.3	73	0.00
19	M	trans-1,2-Dichloroethene	1.733	1.735	-0.1	70	0.00
20	T	Diisopropyl ether	6.032	6.142	-1.8	69	0.00
21	M	1,1-Dichloroethane	3.321	3.309	0.4	69	0.00
22	M	cis-1,2-Dichloroethene	2.028	2.047	-0.9	71	0.00
23	M	tert-Butyl Alcohol	0.342	0.340	0.6	75	-0.02
24	M	Methyl tert-Butyl Ether	5.997	5.950	0.8	68	0.00
25	M	Chloroform	3.441	4.778	-38.9#	95	0.00
26		Cyclohexane	3.038	3.072	-1.1	69	0.00
27	s	1,2-Dichloroethane-d4	2.412	2.360	2.2	74	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
29		1,1-Dichloropropene	0.463	0.456	1.5	70	0.00
30	M	2-Butanone	0.269	0.265	1.5	67	0.00
31		2,2-Dichloropropane	0.480	0.397	17.3	60	0.00
32	M	1,1,1-Trichloroethane	0.564	0.523	7.3	65	0.00
33	M	Carbon Tetrachloride	0.500	0.457	8.6	64	0.00
34	M	Benzene	1.285	1.307	-1.7	71	0.00
35		Methacrylonitrile	0.282	0.286	-1.4	71	0.00
36	M	1,2-Dichloroethane	0.519	0.499	3.9	68	0.00
37	M	Trichloroethene	0.371	0.372	-0.3	71	0.00
38		Methylcyclohexane	0.555	0.559	-0.7	69	0.00
39	M	1,2-Dichloropropane	0.329	0.331	-0.6	70	0.00
40		Dibromomethane	0.231	0.232	-0.4	71	0.00
41	M	Bromodichloromethane	0.476	0.471	1.1	69	0.00
42	M	Vinyl Acetate	0.834	0.828	0.7	70	0.00
43		Ethyl Acetate	0.489	0.514	-5.1	74	0.00
44		Isopropyl Acetate	0.808	0.804	0.5	70	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	74	-0.02
46		Methyl methacrylate	0.396	0.405	-2.3	71	0.00
47		n-amyl Acetate	0.604	0.641	-6.1	74	0.00
48	M	t-1,3-Dichloropropene	0.476	0.421	11.6	64	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.526	0.482	8.4	65	0.00
50	M	1,1,2-Trichloroethane	0.317	0.330	-4.1	72	0.00
51		Ethyl methacrylate	0.506	0.520	-2.8	72	0.00
52		1,3-Dichloropropane	0.550	0.574	-4.4	72	0.00
53	M	Dibromochloromethane	0.345	0.331	4.1	67	0.00
54	M	1,2-Dibromoethane	0.337	0.346	-2.7	72	0.00
55	M	2-Chloroethyl vinyl ether	0.271	0.281	-3.7	77	0.00
56	M	Bromoform	0.229	0.218	4.8	69	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
58	M	4-Methyl-2-Pentanone	0.560	0.591	-5.5	75	0.00
59	M	2-Hexanone	0.433	0.446	-3.0	71	0.00
60	S	4-Bromofluorobenzene	0.501	0.511	-2.0	83	0.00
61	M	Tetrachloroethene	0.442	0.430	2.7	70	0.00
62	M	Toluene	1.602	1.588	0.9	72	0.00
63	S	Toluene-d8	1.378	1.331	3.4	78	0.00
64	M	Chlorobenzene	0.972	0.986	-1.4	74	0.00
65		1,1,1,2-Tetrachloroethane	0.370	0.347	6.2	68	0.00
66	M	Ethyl Benzene	1.792	1.783	0.5	72	0.00
67	M	m/p-Xylenes	0.666	0.688	-3.3	75	0.00
68	M	o-Xylene	0.646	0.667	-3.3	74	0.00
69	M	Styrene	1.073	1.120	-4.4	77	0.00
70		Isopropylbenzene	1.733	1.797	-3.7	75	0.00
71	M	1,1,2,2-Tetrachloroethane	0.472	0.524	-11.0	82	0.00
72		1,2,3-Trichloropropane	0.479	0.510	-6.5	77	0.00
73		Bromobenzene	0.397	0.415	-4.5	76	0.00
74		n-propylbenzene	2.001	2.084	-4.1	76	0.00
75		2-Chlorotoluene	1.202	1.252	-4.2	76	0.00
76		1,3,5-Trimethylbenzene	1.447	1.523	-5.3	76	0.00
77		t-1,4-Dichloro-2-butene	0.144	0.119	17.4	66	0.00
78		4-Chlorotoluene	1.371	1.425	-3.9	76	0.00
79		tert-butylbenzene	1.340	1.438	-7.3	78	0.00
80		1,2,4-Trimethylbenzene	1.429	1.500	-5.0	75	0.00
81		sec-Butylbenzene	1.755	1.861	-6.0	77	0.00
82		p-Isopropyltoluene	1.482	1.575	-6.3	77	0.00
83	M	1,3-Dichlorobenzene	0.738	0.795	-7.7	80	0.00
84	M	1,4-Dichlorobenzene	0.740	0.815	-10.1	82	0.00
85		n-Butylbenzene	1.283	1.357	-5.8	78	0.00
86	T	Hexachloroethane	0.224	0.209	6.7	70	0.00
87	M	1,2-Dichlorobenzene	0.709	0.786	-10.9	81	0.00
88		1,2-Dibromo-3-Chloropropane	0.120	0.121	-0.8	76	0.00
89		1,2,4-Trichlorobenzene	0.464	0.504	-8.6	84	0.00
90		Hexachlorobutadiene	0.203	0.214	-5.4	78	0.00
91	M	Naphthalene	1.605	1.757	-9.5	83	0.00
92		1,2,3-Trichlorobenzene	0.462	0.502	-8.7	82	0.00

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