Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011422\
Data File : VX026444.D
Acq On : 14 Jan 2022 10:15
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jan 17 05:54:03 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	89	0.00
2	M	Dichlorodifluoromethane	1.807	1.957	-8.3	80	0.00
3	M	Chloromethane	1.579	1.717	-8.7	84	0.00
4	M	Vinyl Chloride	1.745	1.823	-4.5	82	0.00
5	M	Bromomethane	0.786	0.848	-7.9	82	0.00
6	M	Chloroethane	0.990	1.048	-5.9	80	0.00
7	M	Trichlorofluoromethane	2.766	2.830	-2.3	79	0.00
8	T	Diethyl Ether	0.987	1.008	-2.1	81	0.00
9		1,1,2-Trichlorotrifluoroeth	1.726	1.833	-6.2	82	0.00
10	M	1,1-Dichloroethene	1.613	1.668	-3.4	82	0.00
11		Methyl Iodide	1.751	1.874	-7.0	92	0.00
12		Methyl Acetate	3.378	3.507	-3.8	83	0.00
13	M	Acrolein	0.350	0.311	11.1	88	0.00
14	M	Acrylonitrile	0.942	0.998	-5.9	84	0.00
15	M	Acetone	0.296	0.433	-46.3#	107	0.00
16	M	Carbon Disulfide	4.554	4.629	-1.6	81	0.00
17		Allyl chloride	3.104	3.205	-3.3	84	0.00
18	M	Methylene Chloride	1.776	1.826	-2.8	82	0.00
19	M	trans-1,2-Dichloroethene	1.733	1.852	-6.9	86	0.00
20	T	Diisopropyl ether	6.032	6.219	-3.1	80	0.00
21	M	1,1-Dichloroethane	3.321	3.406	-2.6	81	0.00
22	M	cis-1,2-Dichloroethene	2.028	2.077	-2.4	83	0.00
23	M	tert-Butyl Alcohol	0.342	0.348	-1.8	88	0.00
24	M	Methyl tert-Butyl Ether	5.997	6.025	-0.5	79	0.00
25	M	Chloroform	3.441	3.558	-3.4	81	0.00
26		Cyclohexane	3.038	3.157	-3.9	81	0.00
27	s	1,2-Dichloroethane-d4	2.412	2.423	-0.5	87	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
29		1,1-Dichloropropene	0.463	0.474	-2.4	83	0.00
30	M	2-Butanone	0.269	0.318	-18.2	92	0.00
31		2,2-Dichloropropane	0.480	0.461	4.0	79	0.00
32	M	1,1,1-Trichloroethane	0.564	0.566	-0.4	80	0.00
33	M	Carbon Tetrachloride	0.500	0.506	-1.2	81	0.00
34	M	Benzene	1.285	1.320	-2.7	82	0.00
35		Methacrylonitrile	0.282	0.292	-3.5	82	0.00
36	M	1,2-Dichloroethane	0.519	0.533	-2.7	82	0.00
37	M	Trichloroethene	0.371	0.376	-1.3	81	0.00
38		Methylcyclohexane	0.555	0.569	-2.5	80	0.00
39	M	1,2-Dichloropropane	0.329	0.338	-2.7	81	0.00
40		Dibromomethane	0.231	0.239	-3.5	83	0.00
41	M	Bromodichloromethane	0.476	0.487	-2.3	81	0.00
42	M	Vinyl Acetate	0.834	0.838	-0.5	80	0.00
43		Ethyl Acetate	0.489	0.496	-1.4	81	0.00
44		Isopropyl Acetate	0.808	0.799	1.1	80	0.00
45	T	1,4-Dioxane	0.006	0.008	-33.3#	98	0.00
46		Methyl methacrylate	0.396	0.397	-0.3	80	0.00
47		n-amyl Acetate	0.604	0.612	-1.3	81	0.00
48	M	t-1,3-Dichloropropene	0.476	0.467	1.9	80	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.526	0.524	0.4	81	0.00
50	M	1,1,2-Trichloroethane	0.317	0.335	-5.7	83	0.00
51		Ethyl methacrylate	0.506	0.505	0.2	79	0.00
52		1,3-Dichloropropane	0.550	0.577	-4.9	83	0.00
53	M	Dibromochloromethane	0.345	0.360	-4.3	83	0.00
54	M	1,2-Dibromoethane	0.337	0.341	-1.2	81	0.00
55	M	2-Chloroethyl vinyl ether	0.271	0.275	-1.5	86	0.00
56	M	Bromoform	0.229	0.244	-6.6	88	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58	M	4-Methyl-2-Pentanone	0.560	0.600	-7.1	84	0.00
59	M	2-Hexanone	0.433	0.501	-15.7	88	0.00
60	S	4-Bromofluorobenzene	0.501	0.517	-3.2	93	0.00
61	M	Tetrachloroethene	0.442	0.446	-0.9	80	0.00
62	M	Toluene	1.602	1.636	-2.1	82	0.00
63	S	Toluene-d8	1.378	1.390	-0.9	90	0.00
64	M	Chlorobenzene	0.972	1.015	-4.4	83	0.00
65		1,1,1,2-Tetrachloroethane	0.370	0.383	-3.5	83	0.00
66	M	Ethyl Benzene	1.792	1.855	-3.5	83	0.00
67	M	m/p-Xylenes	0.666	0.707	-6.2	84	0.00
68	M	o-Xylene	0.646	0.688	-6.5	84	0.00
69	M	Styrene	1.073	1.137	-6.0	86	0.00
70		Isopropylbenzene	1.733	1.844	-6.4	84	0.00
71	M	1,1,2,2-Tetrachloroethane	0.472	0.520	-10.2	90	0.00
72		1,2,3-Trichloropropane	0.479	0.536	-11.9	90	0.00
73		Bromobenzene	0.397	0.422	-6.3	85	0.00
74		n-propylbenzene	2.001	2.130	-6.4	85	0.00
75		2-Chlorotoluene	1.202	1.290	-7.3	86	0.00
76		1,3,5-Trimethylbenzene	1.447	1.553	-7.3	85	0.00
77		t-1,4-Dichloro-2-butene	0.144	0.144	0.0	89	0.00
78		4-Chlorotoluene	1.371	1.476	-7.7	86	0.00
79		tert-butylbenzene	1.340	1.440	-7.5	86	0.00
80		1,2,4-Trimethylbenzene	1.429	1.524	-6.6	84	0.00
81		sec-Butylbenzene	1.755	1.906	-8.6	87	0.00
82		p-Isopropyltoluene	1.482	1.612	-8.8	87	0.00
83	M	1,3-Dichlorobenzene	0.738	0.821	-11.2	91	0.00
84	M	1,4-Dichlorobenzene	0.740	0.807	-9.1	89	0.00
85		n-Butylbenzene	1.283	1.392	-8.5	88	0.00
86	T	Hexachloroethane	0.224	0.235	-4.9	87	0.00
87	M	1,2-Dichlorobenzene	0.709	0.781	-10.2	89	0.00
88		1,2-Dibromo-3-Chloropropane	0.120	0.129	-7.5	89	0.00
89		1,2,4-Trichlorobenzene	0.464	0.497	-7.1	91	0.00
90		Hexachlorobutadiene	0.203	0.218	-7.4	88	0.00
91	M	Naphthalene	1.605	1.688	-5.2	88	0.00
92		1,2,3-Trichlorobenzene	0.462	0.493	-6.7	88	0.00

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