Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
Data File : VN074081.D
Acq On : 23 Aug 2022 20:32
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 24 01:22:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 27 18:07:26 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	137	0.00
2	M	Dichlorodifluoromethane	2.039	1.882	7.7	125	0.00
3	M	Chloromethane	2.696	2.415	10.4	117	0.00
4	M	Vinyl Chloride	3.309	2.537	23.3	104	0.00
5	M	Bromomethane	1.681	1.460	13.1	102	0.00
6	M	Chloroethane	2.242	1.635	27.1#	98	-0.01
7	M	Trichlorofluoromethane	3.255	3.482	-7.0	148	0.00
8	T	Diethyl Ether	1.310	1.245	5.0	137	0.00
9		1,1,2-Trichlorotrifluoroeth	1.962	1.818	7.3	129	0.00
10	M	1,1-Dichloroethene	1.878	1.814	3.4	136	0.00
11		Methyl Iodide	2.166	1.911	11.8	133	0.00
12		Methyl Acetate	3.192	3.438	-7.7	148	0.00
13	M	Acrolein	0.561	0.445	20.7	108	0.00
14	M	Acrylonitrile	1.473	1.467	0.4	135	0.00
15	M	Acetone	0.410	0.436	-6.3	147	0.00
16	M	Carbon Disulfide	5.133	4.467	13.0	123	0.00
17		Allyl chloride	3.133	2.792	10.9	127	0.00
18	M	Methylene Chloride	2.380	2.226	6.5	132	0.00
19	M	trans-1,2-Dichloroethene	2.082	1.958	6.0	131	0.00
20	T	Diisopropyl ether	6.815	6.233	8.5	126	0.00
21	M	1,1-Dichloroethane	4.022	3.724	7.4	129	0.00
22	M	cis-1,2-Dichloroethene	2.505	2.371	5.3	136	0.00
23	M	tert-Butyl Alcohol	0.521	0.566	-8.6	154#	0.02
24	M	Methyl tert-Butyl Ether	6.619	6.432	2.8	139	0.00
25	M	Chloroform	4.151	3.936	5.2	129	0.00
26		Cyclohexane	3.469	2.993	13.7	122	0.00
27	s	1,2-Dichloroethane-d4	2.594	2.515	3.0	128	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	145	0.00
29		1,1-Dichloropropene	0.561	0.488	13.0	128	0.00
30	M	2-Butanone	0.387	0.360	7.0	134	0.00
31		2,2-Dichloropropane	0.585	0.346	40.9#	87	0.00
32	M	1,1,1-Trichloroethane	0.649	0.595	8.3	132	0.00
33	M	Carbon Tetrachloride	0.556	0.509	8.5	136	0.00
34	M	Benzene	1.814	1.617	10.9	128	0.00
35		Methacrylonitrile	0.315	0.309	1.9	126	0.00
36	M	1,2-Dichloroethane	0.598	0.532	11.0	126	0.00
37	M	Trichloroethene	0.446	0.408	8.5	137	0.00
38		Methylcyclohexane	0.696	0.580	16.7	126	0.00
39	M	1,2-Dichloropropane	0.458	0.403	12.0	126	0.00
40		Dibromomethane	0.311	0.279	10.3	129	0.00
41	M	Bromodichloromethane	0.608	0.546	10.2	130	0.00
42	M	Vinyl Acetate	1.117	0.968	13.3	127	0.00
43		Ethyl Acetate	0.736	0.698	5.2	147	0.00
44		Isopropyl Acetate	1.023	0.896	12.4	128	0.00
45	T	1,4-Dioxane	0.012	0.012	0.0	148	0.00
46		Methyl methacrylate	0.457	0.401	12.3	130	0.00
47		n-amyl Acetate	0.816	0.707	13.4	134	0.00
48	M	t-1,3-Dichloropropene	0.626	0.509	18.7	128	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.695	0.573	17.6	124	0.00
50	M	1,1,2-Trichloroethane	0.466	0.426	8.6	135	0.00
51		Ethyl methacrylate	0.700	0.637	9.0	140	0.00
52		1,3-Dichloropropane	0.785	0.701	10.7	132	0.00
53	M	Dibromochloromethane	0.472	0.435	7.8	139	0.00
54	M	1,2-Dibromoethane	0.475	0.435	8.4	137	0.00
55	M	2-Chloroethyl vinyl ether	0.314	0.337	-7.3	162#	0.00
56	M	Bromoform	0.371	0.350	5.7	154#	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	138	0.00
58	M	4-Methyl-2-Pentanone	0.776	0.743	4.3	128	0.00
59	M	2-Hexanone	0.597	0.582	2.5	132	0.00
60	S	4-Bromofluorobenzene	0.531	0.531	0.0	140	0.00
61	M	Tetrachloroethene	0.460	0.394	14.3	118	0.00
62	M	Toluene	2.086	1.956	6.2	128	0.00
63	S	Toluene-d8	1.689	1.679	0.6	132	0.00
64	M	Chlorobenzene	1.246	1.194	4.2	136	0.00
65		1,1,1,2-Tetrachloroethane	0.463	0.448	3.2	138	0.00
66	M	Ethyl Benzene	2.230	2.032	8.9	129	0.00
67	M	m/p-Xylenes	0.852	0.813	4.6	133	0.00
68	M	o-Xylene	0.847	0.798	5.8	134	0.00
69	M	Styrene	1.396	1.306	6.4	132	0.00
70		Isopropylbenzene	2.165	2.037	5.9	133	0.00
71	M	1,1,2,2-Tetrachloroethane	0.761	0.761	0.0	137	0.00
72		1,2,3-Trichloropropane	0.636	0.643	-1.1	154#	0.00
73		Bromobenzene	0.538	0.530	1.5	144	0.00
74		n-propylbenzene	2.519	2.247	10.8	128	0.00
75		2-Chlorotoluene	1.510	1.430	5.3	132	0.00
76		1,3,5-Trimethylbenzene	1.813	1.688	6.9	130	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.182	21.6	119	0.00
78		4-Chlorotoluene	1.451	1.341	7.6	132	0.00
79		tert-butylbenzene	1.568	1.506	4.0	138	0.00
80		1,2,4-Trimethylbenzene	1.796	1.680	6.5	131	0.00
81		sec-Butylbenzene	2.251	2.013	10.6	129	0.00
82		p-Isopropyltoluene	1.848	1.673	9.5	133	0.00
83	M	1,3-Dichlorobenzene	0.984	0.926	5.9	138	0.00
84	M	1,4-Dichlorobenzene	0.949	0.889	6.3	136	0.00
85		n-Butylbenzene	1.498	1.228	18.0	127	0.00
86	T	Hexachloroethane	0.339	0.307	9.4	134	0.00
87	M	1,2-Dichlorobenzene	0.995	0.972	2.3	138	0.00
88		1,2-Dibromo-3-Chloropropane	0.166	0.167	-0.6	143	0.00
89		1,2,4-Trichlorobenzene	0.548	0.545	0.5	162#	0.00
90		Hexachlorobutadiene	0.277	0.280	-1.1	153#	0.00
91	M	Naphthalene	1.798	1.963	-9.2	171#	0.00
92		1,2,3-Trichlorobenzene	0.563	0.590	-4.8	162#	0.00

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