Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
Data File : VN074019.D
Acq On : 19 Aug 2022 11:34
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 20 02:43:26 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	146	0.00
2	M	Dichlorodifluoromethane	2.039	2.030	0.4	145	0.00
3	M	Chloromethane	2.696	2.297	14.8	119	0.00
4	M	Vinyl Chloride	3.309	2.685	18.9	118	0.00
5	M	Bromomethane	1.681	1.588	5.5	120	0.00
6	M	Chloroethane	2.242	1.719	23.3	110	-0.01
7	M	Trichlorofluoromethane	3.255	3.346	-2.8	152#	0.00
8	T	Diethyl Ether	1.310	1.196	8.7	141	0.00
9		1,1,2-Trichlorotrifluoroeth	1.962	1.946	0.8	148	0.00
10	M	1,1-Dichloroethene	1.878	1.804	3.9	145	0.00
11		Methyl Iodide	2.166	1.821	15.9	136	0.00
12		Methyl Acetate	3.192	2.925	8.4	135	-0.01
13	M	Acrolein	0.561	0.558	0.5	146	0.00
14	M	Acrylonitrile	1.473	1.288	12.6	127	0.00
15	M	Acetone	0.410	0.340	17.1	123	-0.01
16	M	Carbon Disulfide	5.133	4.259	17.0	126	0.00
17		Allyl chloride	3.133	2.730	12.9	133	0.00
18	M	Methylene Chloride	2.380	2.227	6.4	142	0.00
19	M	trans-1,2-Dichloroethene	2.082	1.965	5.6	141	0.00
20	T	Diisopropyl ether	6.815	5.943	12.8	129	0.00
21	M	1,1-Dichloroethane	4.022	3.570	11.2	132	0.00
22	M	cis-1,2-Dichloroethene	2.505	2.395	4.4	148	0.00
23	M	tert-Butyl Alcohol	0.521	0.503	3.5	147	0.00
24	M	Methyl tert-Butyl Ether	6.619	6.449	2.6	149	0.00
25	M	Chloroform	4.151	3.876	6.6	136	0.00
26		Cyclohexane	3.469	3.035	12.5	133	0.00
27	s	1,2-Dichloroethane-d4	2.594	2.455	5.4	133	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	156#	0.00
29		1,1-Dichloropropene	0.561	0.504	10.2	142	0.00
30	M	2-Butanone	0.387	0.318	17.8	127	0.00
31		2,2-Dichloropropane	0.585	0.575	1.7	156#	0.00
32	M	1,1,1-Trichloroethane	0.649	0.617	4.9	147	0.00
33	M	Carbon Tetrachloride	0.556	0.539	3.1	155#	0.00
34	M	Benzene	1.814	1.575	13.2	134	0.00
35		Methacrylonitrile	0.315	0.275	12.7	121	0.00
36	M	1,2-Dichloroethane	0.598	0.529	11.5	134	0.00
37	M	Trichloroethene	0.446	0.426	4.5	153#	0.00
38		Methylcyclohexane	0.696	0.634	8.9	148	0.00
39	M	1,2-Dichloropropane	0.458	0.388	15.3	130	0.00
40		Dibromomethane	0.311	0.284	8.7	141	0.00
41	M	Bromodichloromethane	0.608	0.544	10.5	139	0.00
42	M	Vinyl Acetate	1.117	0.933	16.5	131	0.00
43		Ethyl Acetate	0.736	0.602	18.2	136	0.00
44		Isopropyl Acetate	1.023	0.879	14.1	135	0.00
45	T	1,4-Dioxane	0.012	0.012	0.0	148	0.00
46		Methyl methacrylate	0.457	0.377	17.5	132	0.00
47		n-amyl Acetate	0.816	0.704	13.7	144	0.00
48	M	t-1,3-Dichloropropene	0.626	0.558	10.9	151#	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.695	0.623	10.4	145	0.00
50	M	1,1,2-Trichloroethane	0.466	0.424	9.0	145	0.00
51		Ethyl methacrylate	0.700	0.627	10.4	148	0.00
52		1,3-Dichloropropane	0.785	0.701	10.7	142	0.00
53	M	Dibromochloromethane	0.472	0.456	3.4	156#	0.00
54	M	1,2-Dibromoethane	0.475	0.439	7.6	149	0.00
55	M	2-Chloroethyl vinyl ether	0.314	0.309	1.6	159#	0.00
56	M	Bromoform	0.371	0.356	4.0	168#	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	148	0.00
58	M	4-Methyl-2-Pentanone	0.776	0.689	11.2	128	0.00
59	M	2-Hexanone	0.597	0.531	11.1	130	0.00
60	S	4-Bromofluorobenzene	0.531	0.544	-2.4	155#	0.00
61	M	Tetrachloroethene	0.460	0.438	4.8	141	0.00
62	M	Toluene	2.086	1.959	6.1	138	0.00
63	S	Toluene-d8	1.689	1.662	1.6	141	0.00
64	M	Chlorobenzene	1.246	1.228	1.4	151#	0.00
65		1,1,1,2-Tetrachloroethane	0.463	0.471	-1.7	156#	0.00
66	M	Ethyl Benzene	2.230	2.081	6.7	142	0.00
67	M	m/p-Xylenes	0.852	0.841	1.3	149	0.00
68	M	o-Xylene	0.847	0.831	1.9	151#	0.00
69	M	Styrene	1.396	1.345	3.7	147	0.00
70		Isopropylbenzene	2.165	2.150	0.7	151#	0.00
71	M	1,1,2,2-Tetrachloroethane	0.761	0.737	3.2	143	0.00
72		1,2,3-Trichloropropane	0.636	0.621	2.4	160#	0.00
73		Bromobenzene	0.538	0.549	-2.0	160#	0.00
74		n-propylbenzene	2.519	2.395	4.9	146	0.00
75		2-Chlorotoluene	1.510	1.472	2.5	147	0.00
76		1,3,5-Trimethylbenzene	1.813	1.773	2.2	147	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.214	7.8	151#	0.00
78		4-Chlorotoluene	1.451	1.391	4.1	147	0.00
79		tert-butylbenzene	1.568	1.601	-2.1	158#	0.00
80		1,2,4-Trimethylbenzene	1.796	1.792	0.2	151#	0.00
81		sec-Butylbenzene	2.251	2.210	1.8	153#	0.00
82		p-Isopropyltoluene	1.848	1.867	-1.0	160#	0.00
83	M	1,3-Dichlorobenzene	0.984	0.984	0.0	158#	0.00
84	M	1,4-Dichlorobenzene	0.949	0.968	-2.0	160#	0.00
85		n-Butylbenzene	1.498	1.389	7.3	155#	0.00
86	T	Hexachloroethane	0.339	0.325	4.1	152#	0.00
87	M	1,2-Dichlorobenzene	0.995	1.021	-2.6	156#	0.00
88		1,2-Dibromo-3-Chloropropane	0.166	0.157	5.4	145	0.00
89		1,2,4-Trichlorobenzene	0.548	0.608	-10.9	195#	0.00
90		Hexachlorobutadiene	0.277	0.329	-18.8	193#	0.00
91	M	Naphthalene	1.798	2.019	-12.3	189#	0.00
92		1,2,3-Trichlorobenzene	0.563	0.638	-13.3	189#	0.00

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