Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
Data File : VN075052.D
Acq On : 28 Oct 2022 10:25
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Oct 31 01:49:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 27 10:19:47 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	103	0.00
2	M	Dichlorodifluoromethane	1.460	1.500	-2.7	100	0.00
3	M	Chloromethane	1.921	2.160	-12.4	98	0.00
4	M	Vinyl Chloride	2.905	3.185	-9.6	106	0.00
5	M	Bromomethane	2.297	2.549	-11.0	104	0.00
6	M	Chloroethane	2.241	2.513	-12.1	105	0.00
7	M	Trichlorofluoromethane	3.126	3.516	-12.5	109	0.00
8	T	Diethyl Ether	1.285	1.366	-6.3	104	0.00
9		1,1,2-Trichlorotrifluoroeth	1.832	2.165	-18.2	114	0.00
10	M	1,1-Dichloroethene	1.719	1.911	-11.2	115	0.00
11		Methyl Iodide	2.681	2.865	-6.9	106	0.00
12		Methyl Acetate	2.912	3.015	-3.5	104	0.00
13	M	Acrolein	0.357	0.303	15.1	80	-0.01
14	M	Acrylonitrile	1.203	1.223	-1.7	102	0.00
15	M	Acetone	0.336	0.542	-61.3#	161#	-0.01
16	M	Carbon Disulfide	3.784	4.043	-6.8	108	0.00
17		Allyl chloride	2.303	2.602	-13.0	109	0.00
18	M	Methylene Chloride	2.153	2.385	-10.8	110	0.00
19	M	trans-1,2-Dichloroethene	1.911	2.045	-7.0	110	0.00
20	T	Diisopropyl ether	5.977	6.583	-10.1	111	0.00
21	M	1,1-Dichloroethane	3.712	4.189	-12.9	114	0.00
22	M	cis-1,2-Dichloroethene	2.414	2.651	-9.8	111	0.00
23	M	tert-Butyl Alcohol	0.557	0.523	6.1	98	0.00
24	M	Methyl tert-Butyl Ether	7.030	7.742	-10.1	113	0.00
25	M	Chloroform	4.101	4.544	-10.8	115	0.00
26		Cyclohexane	2.982	3.262	-9.4	114	0.00
27	s	1,2-Dichloroethane-d4	2.743	2.990	-9.0	108	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29		1,1-Dichloropropene	0.515	0.552	-7.2	115	0.00
30	M	2-Butanone	0.297	0.346	-16.5	120	0.00
31		2,2-Dichloropropane	0.629	0.690	-9.7	117	0.00
32	M	1,1,1-Trichloroethane	0.666	0.717	-7.7	113	0.00
33	M	Carbon Tetrachloride	0.587	0.607	-3.4	112	0.00
34	M	Benzene	1.573	1.672	-6.3	112	0.00
35		Methacrylonitrile	0.284	0.284	0.0	108	0.00
36	M	1,2-Dichloroethane	0.583	0.657	-12.7	118	0.00
37	M	Trichloroethene	0.391	0.425	-8.7	118	0.00
38		Methylcyclohexane	0.638	0.669	-4.9	114	0.00
39	M	1,2-Dichloropropane	0.396	0.429	-8.3	113	0.00
40		Dibromomethane	0.300	0.318	-6.0	117	-0.01
41	M	Bromodichloromethane	0.585	0.644	-10.1	118	0.00
42	M	Vinyl Acetate	0.836	0.973	-16.4	122	0.00
43		Ethyl Acetate	0.586	0.585	0.2	107	0.00
44		Isopropyl Acetate	0.940	0.955	-1.6	107	0.00
45	T	1,4-Dioxane	0.012	0.011	8.3	101	0.00
46		Methyl methacrylate	0.422	0.417	1.2	99	0.00
47		n-amyl Acetate	0.808	0.797	1.4	107	0.00
48	M	t-1,3-Dichloropropene	0.639	0.645	-0.9	114	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.672	0.692	-3.0	112	0.00
50	M	1,1,2-Trichloroethane	0.440	0.449	-2.0	112	0.00
51		Ethyl methacrylate	0.686	0.685	0.1	110	0.00
52		1,3-Dichloropropane	0.736	0.790	-7.3	113	0.00
53	M	Dibromochloromethane	0.476	0.459	3.6	111	0.00
54	M	1,2-Dibromoethane	0.455	0.454	0.2	109	0.00
55	M	2-Chloroethyl vinyl ether	0.280	0.253	9.6	98	0.00
56	M	Bromoform	0.350	0.306	12.6	108	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58	M	4-Methyl-2-Pentanone	0.647	0.659	-1.9	104	0.00
59	M	2-Hexanone	0.496	0.544	-9.7	110	0.00
60	S	4-Bromofluorobenzene	0.589	0.569	3.4	108	0.00
61	M	Tetrachloroethene	0.334	0.400	-19.8	127	0.00
62	M	Toluene	1.942	2.099	-8.1	115	0.00
63	S	Toluene-d8	1.678	1.709	-1.8	107	0.00
64	M	Chlorobenzene	1.204	1.265	-5.1	115	0.00
65		1,1,1,2-Tetrachloroethane	0.460	0.493	-7.2	113	0.00
66	M	Ethyl Benzene	2.189	2.338	-6.8	114	0.00
67	M	m/p-Xylenes	0.878	0.921	-4.9	114	0.00
68	M	o-Xylene	0.882	0.911	-3.3	112	0.00
69	M	Styrene	1.443	1.460	-1.2	114	0.00
70		Isopropylbenzene	2.299	2.380	-3.5	114	0.00
71	M	1,1,2,2-Tetrachloroethane	0.749	0.757	-1.1	105	0.00
72		1,2,3-Trichloropropane	0.680	0.681	-0.1	104	0.00
73		Bromobenzene	0.512	0.504	1.6	110	0.00
74		n-propylbenzene	2.575	2.747	-6.7	119	0.00
75		2-Chlorotoluene	1.567	1.620	-3.4	113	0.00
76		1,3,5-Trimethylbenzene	1.948	1.987	-2.0	113	0.00
77		t-1,4-Dichloro-2-butene	0.238	0.233	2.1	110	0.00
78		4-Chlorotoluene	1.522	1.587	-4.3	119	0.00
79		tert-butylbenzene	1.739	1.748	-0.5	111	0.00
80		1,2,4-Trimethylbenzene	1.981	2.001	-1.0	112	0.00
81		sec-Butylbenzene	2.445	2.502	-2.3	115	0.00
82		p-Isopropyltoluene	2.063	1.999	3.1	111	0.00
83	M	1,3-Dichlorobenzene	1.012	0.982	3.0	114	0.00
84	M	1,4-Dichlorobenzene	0.976	0.962	1.4	119	0.00
85		n-Butylbenzene	1.654	1.673	-1.1	120	0.00
86	T	Hexachloroethane	0.382	0.363	5.0	105	0.00
87	M	1,2-Dichlorobenzene	1.001	0.986	1.5	113	0.00
88		1,2-Dibromo-3-Chloropropane	0.157	0.153	2.5	98	0.00
89		1,2,4-Trichlorobenzene	0.442	0.442	0.0	124	0.00
90		Hexachlorobutadiene	0.203	0.204	-0.5	117	0.00
91	M	Naphthalene	1.752	1.600	8.7	111	0.00
92		1,2,3-Trichlorobenzene	0.448	0.429	4.2	116	0.00

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