Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
Data File : VN067725.D
Acq On : 13 Jul 2021 18:37
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN071421

Quant Time: Jul 14 01:21:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 14 01:19:19 2021
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	115	0.00
2	M	Dichlorodifluoromethane	1.533	1.437	6.3	115	0.00
3	M	Chloromethane	1.915	1.826	4.6	110	0.00
4	M	Vinyl Chloride	2.979	2.834	4.9	109	0.00
5	M	Bromomethane	2.480	2.457	0.9	111	0.00
6	M	Chloroethane	2.218	2.122	4.3	105	0.00
7	M	Trichlorofluoromethane	5.528	5.217	5.6	103	0.00
8	T	Diethyl Ether	1.028	0.956	7.0	109	0.00
9		1,1,2-Trichlorotrifluoroeth	1.571	1.455	7.4	109	0.00
10	M	1,1-Dichloroethene	1.455	1.389	4.5	114	0.00
11		Methyl Iodide	1.924	1.530	20.5	103	0.00
12		Methyl Acetate	1.986	1.881	5.3	116	0.00
13	M	Acrolein	0.208	0.186	10.6	114	0.00
14	M	Acrylonitrile	0.873	0.796	8.8	113	0.00
15	M	Acetone	0.217	0.196	9.7	110	0.00
16	M	Carbon Disulfide	3.843	3.443	10.4	113	0.00
17		Allyl chloride	2.561	2.344	8.5	111	0.00
18	M	Methylene Chloride	2.014	1.767	12.3	110	0.00
19	M	trans-1,2-Dichloroethene	1.735	1.584	8.7	114	0.00
20	T	Diisopropyl ether	6.063	5.443	10.2	111	0.00
21	M	1,1-Dichloroethane	3.336	3.042	8.8	110	0.00
22	M	cis-1,2-Dichloroethene	2.141	1.966	8.2	116	0.00
23	M	tert-Butyl Alcohol	0.322	0.296	8.1	110	0.00
24	M	Methyl tert-Butyl Ether	6.009	5.518	8.2	113	0.00
25	M	Chloroform	3.712	3.394	8.6	111	0.00
26		Cyclohexane	2.906	2.620	9.8	112	0.00
27	s	1,2-Dichloroethane-d4	2.424	2.542	-4.9	110	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
29		1,1-Dichloropropene	0.471	0.411	12.7	110	0.00
30	M	2-Butanone	0.218	0.192	11.9	112	0.00
31		2,2-Dichloropropane	0.525	0.436	17.0	106	0.00
32	M	1,1,1-Trichloroethane	0.578	0.509	11.9	113	0.00
33	M	Carbon Tetrachloride	0.494	0.425	14.0	113	0.00
34	M	Benzene	1.407	1.264	10.2	113	0.00
35		Methacrylonitrile	0.224	0.204	8.9	128	0.00
36	M	1,2-Dichloroethane	0.524	0.467	10.9	106	0.00
37	M	Trichloroethene	0.366	0.321	12.3	112	0.00
38		Methylcyclohexane	0.521	0.459	11.9	112	0.00
39	M	1,2-Dichloropropane	0.359	0.315	12.3	111	0.00
40		Dibromomethane	0.258	0.229	11.2	112	0.00
41	M	Bromodichloromethane	0.506	0.440	13.0	111	0.00
42	M	Vinyl Acetate	0.867	0.687	20.8	109	0.00
43		Ethyl Acetate	0.441	0.408	7.5	123	0.00
44		Isopropyl Acetate	0.800	0.708	11.5	113	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	105	0.00
46		Methyl methacrylate	0.345	0.300	13.0	113	0.00
47		n-amyl Acetate	0.657	0.550	16.3	113	0.00
48	M	t-1,3-Dichloropropene	0.546	0.459	15.9	113	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.579	0.484	16.4	110	0.00
50	M	1,1,2-Trichloroethane	0.368	0.318	13.6	113	0.00
51		Ethyl methacrylate	0.573	0.490	14.5	113	0.00
52		1,3-Dichloropropane	0.609	0.533	12.5	112	0.00
53	M	Dibromochloromethane	0.385	0.320	16.9	116	0.00
54	M	1,2-Dibromoethane	0.380	0.326	14.2	112	0.00
55	M	2-Chloroethyl vinyl ether	0.111	0.087	21.6	111	0.00
56	M	Bromoform	0.270	0.207	23.3	118	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	0.515	0.465	9.7	114	0.00
59	M	2-Hexanone	0.361	0.324	10.2	114	0.00
60	S	4-Bromofluorobenzene	0.487	0.469	3.7	109	0.00
61	M	Tetrachloroethene	0.369	0.320	13.3	110	0.00
62	M	Toluene	1.765	1.555	11.9	110	0.00
63	S	Toluene-d8	1.380	1.395	-1.1	112	0.00
64	M	Chlorobenzene	1.057	0.913	13.6	110	0.00
65		1,1,1,2-Tetrachloroethane	0.389	0.345	11.3	118	0.00
66	M	Ethyl Benzene	1.953	1.677	14.1	109	0.00
67	M	m/p-Xylenes	0.745	0.637	14.5	109	0.00
68	M	o-Xylene	0.735	0.638	13.2	111	0.00
69	M	Styrene	1.216	1.029	15.4	109	0.00
70		Isopropylbenzene	1.897	1.647	13.2	110	0.00
71	M	1,1,2,2-Tetrachloroethane	0.539	0.484	10.2	114	0.00
72		1,2,3-Trichloropropane	0.448	0.413	7.8	107	0.00
73		Bromobenzene	0.436	0.365	16.3	113	0.00
74		n-propylbenzene	2.174	1.879	13.6	109	0.00
75		2-Chlorotoluene	1.305	1.140	12.6	110	0.00
76		1,3,5-Trimethylbenzene	1.562	1.358	13.1	110	0.00
77		t-1,4-Dichloro-2-butene	0.151	0.111	26.5	105	0.00
78		4-Chlorotoluene	1.301	1.120	13.9	107	0.00
79		tert-butylbenzene	1.341	1.162	13.3	111	0.00
80		1,2,4-Trimethylbenzene	1.551	1.341	13.5	109	0.00
81		sec-Butylbenzene	1.860	1.586	14.7	107	0.00
82		p-Isopropyltoluene	1.548	1.276	17.6	107	0.00
83	M	1,3-Dichlorobenzene	0.814	0.683	16.1	111	0.00
84	M	1,4-Dichlorobenzene	0.793	0.657	17.2	109	0.00
85		n-Butylbenzene	1.285	1.056	17.8	107	0.00
86	T	Hexachloroethane	0.258	0.209	19.0	111	0.00
87	M	1,2-Dichlorobenzene	0.777	0.655	15.7	111	0.00
88		1,2-Dibromo-3-Chloropropane	0.096	0.088	8.3	120	0.00
89		1,2,4-Trichlorobenzene	0.354	0.296	16.4	120	0.00
90		Hexachlorobutadiene	0.170	0.144	15.3	106	0.00
91	M	Naphthalene	1.007	0.943	6.4	142	0.00
92		1,2,3-Trichlorobenzene	0.340	0.289	15.0	123	0.00

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