Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042425\
Data File : VN086397.D
Acq On : 24 Apr 2025 16:35
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 25 01:41:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 24 04:42:24 2025
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	116	0.00
2	M	Dichlorodifluoromethane	2.071	1.909	7.8	104	0.00
3	M	Chloromethane	2.942	2.568	12.7	102	0.00
4	M	Vinyl Chloride	2.818	2.524	10.4	104	0.00
5	M	Bromomethane	1.471	1.371	6.8	106	0.00
6	M	Chloroethane	1.879	1.765	6.1	109	0.00
7	M	Trichlorofluoromethane	3.326	3.040	8.6	103	0.00
8	T	Diethyl Ether	1.404	1.368	2.6	114	0.00
9		1,1,2-Trichlorotrifluoroeth	2.045	1.901	7.0	108	0.00
10	M	1,1-Dichloroethene	2.093	1.883	10.0	104	0.00
11		Methyl Iodide	2.449	2.312	5.6	110	0.00
12		Methyl Acetate	2.966	3.113	-5.0	120	0.00
13	M	Acrolein	0.150	0.148	1.3	134	0.00
14	M	Acrylonitrile	1.104	1.110	-0.5	116	0.00
15	M	Acetone	0.304	0.288	5.3	120	0.00
16	M	Carbon Disulfide	5.515	4.809	12.8	99	0.00
17		Allyl chloride	3.346	2.992	10.6	107	0.00
18	M	Methylene Chloride	2.383	2.273	4.6	111	0.00
19	M	trans-1,2-Dichloroethene	2.231	2.031	9.0	107	0.00
20	T	Diisopropyl ether	7.957	7.615	4.3	113	0.00
21	M	1,1-Dichloroethane	4.355	4.075	6.4	109	0.00
22	M	cis-1,2-Dichloroethene	2.789	2.595	7.0	110	0.00
23	M	tert-Butyl Alcohol	0.428	0.460	-7.5	117	0.00
24	M	Methyl tert-Butyl Ether	7.733	7.671	0.8	115	0.00
25	M	Chloroform	4.408	4.230	4.0	110	0.00
26		Cyclohexane	3.846	3.409	11.4	105	0.00
27	s	1,2-Dichloroethane-d4	2.892	2.951	-2.0	115	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
29		1,1-Dichloropropene	0.529	0.477	9.8	107	0.00
30	M	2-Butanone	0.257	0.259	-0.8	119	0.00
31		2,2-Dichloropropane	0.680	0.610	10.3	105	0.00
32	M	1,1,1-Trichloroethane	0.632	0.587	7.1	109	0.00
33	M	Carbon Tetrachloride	0.520	0.480	7.7	107	0.00
34	M	Benzene	1.682	1.578	6.2	109	0.00
35		Methacrylonitrile	0.293	0.281	4.1	107	0.00
36	M	1,2-Dichloroethane	0.546	0.522	4.4	111	0.00
37	M	Trichloroethene	0.421	0.381	9.5	109	0.00
38		Methylcyclohexane	0.611	0.539	11.8	104	0.00
39	M	1,2-Dichloropropane	0.416	0.389	6.5	110	0.00
40		Dibromomethane	0.278	0.267	4.0	111	0.00
41	M	Bromodichloromethane	0.588	0.568	3.4	113	0.00
42	M	Vinyl Acetate	0.889	0.868	2.4	112	0.00
43		Ethyl Acetate	0.508	0.491	3.3	118	0.00
44		Isopropyl Acetate	0.964	0.957	0.7	117	0.00
45	T	1,4-Dioxane	0.008	0.007	12.5	100	0.00
46		Methyl methacrylate	0.445	0.439	1.3	116	0.00
47		n-amyl Acetate	0.822	0.781	5.0	113	0.00
48	M	t-1,3-Dichloropropene	0.657	0.625	4.9	113	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.693	0.658	5.1	112	0.00
50	M	1,1,2-Trichloroethane	0.388	0.383	1.3	114	0.00
51		Ethyl methacrylate	0.676	0.654	3.3	115	0.00
52		1,3-Dichloropropane	0.686	0.674	1.7	115	0.00
53	M	Dibromochloromethane	0.436	0.412	5.5	112	0.00
54	M	1,2-Dibromoethane	0.395	0.387	2.0	115	0.00
55	M	2-Chloroethyl vinyl ether	0.318	0.333	-4.7	122	0.00
56	M	Bromoform	0.283	0.275	2.8	114	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
58	M	4-Methyl-2-Pentanone	0.581	0.599	-3.1	120	0.00
59	M	2-Hexanone	0.428	0.440	-2.8	119	0.00
60	S	4-Bromofluorobenzene	0.590	0.567	3.9	112	0.00
61	M	Tetrachloroethene	0.458	0.411	10.3	108	0.00
62	M	Toluene	2.008	1.886	6.1	110	0.00
63	S	Toluene-d8	1.650	1.636	0.8	112	0.00
64	M	Chlorobenzene	1.251	1.158	7.4	108	0.00
65		1,1,1,2-Tetrachloroethane	0.418	0.404	3.3	114	0.00
66	M	Ethyl Benzene	2.260	2.087	7.7	109	0.00
67	M	m/p-Xylenes	0.858	0.783	8.7	108	0.00
68	M	o-Xylene	0.840	0.783	6.8	111	0.00
69	M	Styrene	1.423	1.298	8.8	109	0.00
70		Isopropylbenzene	2.096	1.908	9.0	107	0.00
71	M	1,1,2,2-Tetrachloroethane	0.552	0.569	-3.1	115	0.00
72		1,2,3-Trichloropropane	0.481	0.479	0.4	117	0.00
73		Bromobenzene	0.482	0.453	6.0	111	0.00
74		n-propylbenzene	2.491	2.255	9.5	109	0.00
75		2-Chlorotoluene	1.555	1.411	9.3	108	0.00
76		1,3,5-Trimethylbenzene	1.720	1.567	8.9	109	0.00
77		t-1,4-Dichloro-2-butene	0.244	0.229	6.1	115	0.00
78		4-Chlorotoluene	1.555	1.404	9.7	111	0.00
79		tert-butylbenzene	1.473	1.319	10.5	107	0.00
80		1,2,4-Trimethylbenzene	1.757	1.574	10.4	108	0.00
81		sec-Butylbenzene	2.103	1.893	10.0	110	0.00
82		p-Isopropyltoluene	1.759	1.569	10.8	111	0.00
83	M	1,3-Dichlorobenzene	0.911	0.812	10.9	111	0.00
84	M	1,4-Dichlorobenzene	0.900	0.817	9.2	113	0.00
85		n-Butylbenzene	1.570	1.377	12.3	111	0.00
86	T	Hexachloroethane	0.288	0.255	11.5	110	0.00
87	M	1,2-Dichlorobenzene	0.867	0.790	8.9	112	0.00
88		1,2-Dibromo-3-Chloropropane	0.112	0.112	0.0	125	0.00
89		1,2,4-Trichlorobenzene	0.395	0.380	3.8	124	0.00
90		Hexachlorobutadiene	0.159	0.147	7.5	118	0.00
91	M	Naphthalene	1.414	1.368	3.3	125	0.00
92		1,2,3-Trichlorobenzene	0.395	0.380	3.8	124	0.00

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