Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
Data File : VN086248.D
Acq On : 11 Apr 2025 13:34
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125

Quant Time: Apr 12 01:24:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 12 01:21:52 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	100	0.00
2	M	Dichlorodifluoromethane	2.404	2.591	-7.8	112	0.00
3	M	Chloromethane	3.322	3.360	-1.1	109	0.00
4	M	Vinyl Chloride	3.164	3.200	-1.1	107	0.00
5	M	Bromomethane	1.578	1.593	-1.0	108	0.00
6	M	Chloroethane	1.998	2.062	-3.2	111	0.00
7	M	Trichlorofluoromethane	3.433	3.514	-2.4	110	0.00
8	T	Diethyl Ether	1.583	1.605	-1.4	109	0.00
9		1,1,2-Trichlorotrifluoroeth	2.117	2.123	-0.3	107	0.00
10	M	1,1-Dichloroethene	2.284	2.299	-0.7	107	0.00
11		Methyl Iodide	2.626	2.645	-0.7	108	0.00
12		Methyl Acetate	3.226	3.101	3.9	105	0.00
13	M	Acrolein	0.367	0.328	10.6	122	0.00
14	M	Acrylonitrile	1.362	1.307	4.0	102	0.00
15	M	Acetone	0.345	0.324	6.1	99	0.00
16	M	Carbon Disulfide	6.550	6.700	-2.3	107	0.00
17		Allyl chloride	3.981	4.141	-4.0	112	0.00
18	M	Methylene Chloride	2.605	2.626	-0.8	110	0.00
19	M	trans-1,2-Dichloroethene	2.406	2.363	1.8	107	0.00
20	T	Diisopropyl ether	8.560	8.854	-3.4	110	0.00
21	M	1,1-Dichloroethane	4.567	4.699	-2.9	108	0.00
22	M	cis-1,2-Dichloroethene	2.866	2.891	-0.9	108	0.00
23	M	tert-Butyl Alcohol	0.564	0.546	3.2	100	0.00
24	M	Methyl tert-Butyl Ether	8.244	8.331	-1.1	109	0.00
25	M	Chloroform	4.355	4.502	-3.4	110	0.00
26		Cyclohexane	4.273	4.254	0.4	108	0.00
27	s	1,2-Dichloroethane-d4	2.926	2.904	0.8	100	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.537	0.547	-1.9	108	0.00
30	M	2-Butanone	0.298	0.295	1.0	103	0.00
31		2,2-Dichloropropane	0.662	0.698	-5.4	111	0.00
32	M	1,1,1-Trichloroethane	0.618	0.620	-0.3	107	0.00
33	M	Carbon Tetrachloride	0.494	0.503	-1.8	108	0.00
34	M	Benzene	1.710	1.754	-2.6	109	0.00
35		Methacrylonitrile	0.336	0.332	1.2	106	0.00
36	M	1,2-Dichloroethane	0.535	0.545	-1.9	108	0.00
37	M	Trichloroethene	0.413	0.409	1.0	105	0.00
38		Methylcyclohexane	0.659	0.664	-0.8	109	0.00
39	M	1,2-Dichloropropane	0.425	0.440	-3.5	110	0.00
40		Dibromomethane	0.275	0.270	1.8	105	0.00
41	M	Bromodichloromethane	0.590	0.599	-1.5	108	0.00
42	M	Vinyl Acetate	1.014	1.050	-3.6	107	0.00
43		Ethyl Acetate	0.601	0.602	-0.2	104	0.00
44		Isopropyl Acetate	1.114	1.130	-1.4	109	0.00
45	T	1,4-Dioxane	0.009	0.008	11.1	97	0.00
46		Methyl methacrylate	0.491	0.490	0.2	106	0.00
47		n-amyl Acetate	0.883	0.865	2.0	107	0.00
48	M	t-1,3-Dichloropropene	0.667	0.674	-1.0	108	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.706	0.727	-3.0	109	0.00
50	M	1,1,2-Trichloroethane	0.385	0.380	1.3	104	0.00
51		Ethyl methacrylate	0.716	0.725	-1.3	108	0.00
52		1,3-Dichloropropane	0.687	0.694	-1.0	109	0.00
53	M	Dibromochloromethane	0.422	0.420	0.5	105	0.00
54	M	1,2-Dibromoethane	0.389	0.384	1.3	105	0.00
55	M	2-Chloroethyl vinyl ether	0.271	0.360	-32.8#	113	0.00
56	M	Bromoform	0.276	0.267	3.3	103	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.681	0.690	-1.3	104	0.00
59	M	2-Hexanone	0.507	0.514	-1.4	105	0.00
60	S	4-Bromofluorobenzene	0.597	0.587	1.7	100	0.00
61	M	Tetrachloroethene	0.443	0.447	-0.9	107	0.00
62	M	Toluene	2.012	2.069	-2.8	108	0.00
63	S	Toluene-d8	1.694	1.687	0.4	99	0.00
64	M	Chlorobenzene	1.229	1.255	-2.1	108	0.00
65		1,1,1,2-Tetrachloroethane	0.406	0.417	-2.7	108	0.00
66	M	Ethyl Benzene	2.232	2.269	-1.7	107	0.00
67	M	m/p-Xylenes	0.830	0.843	-1.6	108	0.00
68	M	o-Xylene	0.816	0.838	-2.7	109	0.00
69	M	Styrene	1.376	1.396	-1.5	109	0.00
70		Isopropylbenzene	2.012	2.040	-1.4	108	0.00
71	M	1,1,2,2-Tetrachloroethane	0.573	0.588	-2.6	107	0.00
72		1,2,3-Trichloropropane	0.596	0.582	2.3	104	0.00
73		Bromobenzene	0.446	0.443	0.7	105	0.00
74		n-propylbenzene	2.376	2.403	-1.1	109	0.00
75		2-Chlorotoluene	1.494	1.489	0.3	107	0.00
76		1,3,5-Trimethylbenzene	1.653	1.682	-1.8	108	0.00
77		t-1,4-Dichloro-2-butene	0.275	0.269	2.2	104	0.00
78		4-Chlorotoluene	1.492	1.456	2.4	106	0.00
79		tert-butylbenzene	1.430	1.432	-0.1	107	0.00
80		1,2,4-Trimethylbenzene	1.676	1.675	0.1	106	0.00
81		sec-Butylbenzene	1.995	2.010	-0.8	106	0.00
82		p-Isopropyltoluene	1.664	1.661	0.2	106	0.00
83	M	1,3-Dichlorobenzene	0.829	0.789	4.8	103	0.00
84	M	1,4-Dichlorobenzene	0.831	0.786	5.4	102	0.00
85		n-Butylbenzene	1.502	1.489	0.9	106	0.00
86	T	Hexachloroethane	0.281	0.270	3.9	103	0.00
87	M	1,2-Dichlorobenzene	0.818	0.766	6.4	100	0.00
88		1,2-Dibromo-3-Chloropropane	0.130	0.118	9.2	93	0.00
89		1,2,4-Trichlorobenzene	0.398	0.375	5.8	94	0.00
90		Hexachlorobutadiene	0.172	0.148	14.0	90	0.00
91	M	Naphthalene	1.569	1.425	9.2	93	0.00
92		1,2,3-Trichlorobenzene	0.398	0.375	5.8	94	0.00

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