Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086812.D
Acq On : 29 May 2025 13:29
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Quant Time: May 30 02:27:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 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	106	0.00
2	M	Dichlorodifluoromethane	2.038	1.997	2.0	99	0.00
3	M	Chloromethane	2.627	2.483	5.5	97	0.00
4	M	Vinyl Chloride	2.418	2.306	4.6	98	0.00
5	M	Bromomethane	1.281	1.248	2.6	99	0.00
6	M	Chloroethane	1.479	1.368	7.5	94	0.00
7	M	Trichlorofluoromethane	2.832	2.683	5.3	99	0.00
8	T	Diethyl Ether	1.181	1.134	4.0	103	0.00
9		1,1,2-Trichlorotrifluoroeth	1.735	1.659	4.4	99	0.00
10	M	1,1-Dichloroethene	1.769	1.709	3.4	103	0.00
11		Methyl Iodide	2.086	1.947	6.7	101	0.00
12		Methyl Acetate	1.965	1.777	9.6	96	0.00
13	M	Acrolein	0.203	0.206	-1.5	111	0.00
14	M	Acrylonitrile	0.914	0.828	9.4	95	0.00
15	M	Acetone	0.232	0.258	-11.2	116	0.00
16	M	Carbon Disulfide	5.164	4.971	3.7	101	0.00
17		Allyl chloride	2.628	2.521	4.1	101	0.00
18	M	Methylene Chloride	2.055	1.933	5.9	98	0.00
19	M	trans-1,2-Dichloroethene	1.851	1.777	4.0	100	0.00
20	T	Diisopropyl ether	5.789	5.533	4.4	97	0.00
21	M	1,1-Dichloroethane	3.493	3.293	5.7	97	0.00
22	M	cis-1,2-Dichloroethene	2.242	2.113	5.8	99	0.00
23	M	tert-Butyl Alcohol	0.294	0.268	8.8	95	0.00
24	M	Methyl tert-Butyl Ether	5.831	5.571	4.5	101	0.00
25	M	Chloroform	3.419	3.203	6.3	98	0.00
26		Cyclohexane	3.023	2.847	5.8	99	0.00
27	s	1,2-Dichloroethane-d4	2.061	2.060	0.0	105	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29		1,1-Dichloropropene	0.441	0.415	5.9	99	0.00
30	M	2-Butanone	0.193	0.186	3.6	101	0.00
31		2,2-Dichloropropane	0.521	0.499	4.2	100	0.00
32	M	1,1,1-Trichloroethane	0.511	0.488	4.5	100	0.00
33	M	Carbon Tetrachloride	0.437	0.409	6.4	99	0.00
34	M	Benzene	1.435	1.367	4.7	99	0.00
35		Methacrylonitrile	0.222	0.210	5.4	96	0.00
36	M	1,2-Dichloroethane	0.421	0.397	5.7	98	0.00
37	M	Trichloroethene	0.398	0.363	8.8	98	0.00
38		Methylcyclohexane	0.489	0.476	2.7	105	0.00
39	M	1,2-Dichloropropane	0.346	0.322	6.9	97	0.00
40		Dibromomethane	0.226	0.216	4.4	100	0.00
41	M	Bromodichloromethane	0.473	0.434	8.2	97	0.00
42	M	Vinyl Acetate	0.563	0.552	2.0	99	0.00
43		Ethyl Acetate	0.395	0.358	9.4	92	0.00
44		Isopropyl Acetate	0.678	0.635	6.3	97	0.00
45	T	1,4-Dioxane	0.006	0.005	16.7	92	0.00
46		Methyl methacrylate	0.313	0.289	7.7	99	0.00
47		n-amyl Acetate	0.545	0.499	8.4	95	0.00
48	M	t-1,3-Dichloropropene	0.506	0.477	5.7	100	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	0.557	0.523	6.1	101	0.00
50	M	1,1,2-Trichloroethane	0.318	0.301	5.3	100	0.00
51		Ethyl methacrylate	0.515	0.477	7.4	100	0.00
52		1,3-Dichloropropane	0.565	0.528	6.5	99	0.00
53	M	Dibromochloromethane	0.360	0.327	9.2	98	0.00
54	M	1,2-Dibromoethane	0.325	0.297	8.6	96	0.00
55	M	2-Chloroethyl vinyl ether	0.247	0.225	8.9	100	0.00
56	M	Bromoform	0.227	0.205	9.7	96	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.440	0.419	4.8	96	0.00
59	M	2-Hexanone	0.315	0.305	3.2	99	0.00
60	S	4-Bromofluorobenzene	0.471	0.467	0.8	104	0.00
61	M	Tetrachloroethene	0.504	0.482	4.4	100	0.00
62	M	Toluene	1.690	1.640	3.0	100	0.00
63	S	Toluene-d8	1.377	1.393	-1.2	105	0.00
64	M	Chlorobenzene	1.078	1.028	4.6	99	0.00
65		1,1,1,2-Tetrachloroethane	0.354	0.332	6.2	98	0.00
66	M	Ethyl Benzene	1.828	1.719	6.0	98	0.00
67	M	m/p-Xylenes	0.717	0.687	4.2	99	0.00
68	M	o-Xylene	0.695	0.658	5.3	99	0.00
69	M	Styrene	1.158	1.074	7.3	97	0.00
70		Isopropylbenzene	1.653	1.575	4.7	99	0.00
71	M	1,1,2,2-Tetrachloroethane	0.393	0.384	2.3	98	0.00
72		1,2,3-Trichloropropane	0.461	0.365	20.8	82	0.00
73		Bromobenzene	0.411	0.382	7.1	96	0.00
74		n-propylbenzene	1.958	1.842	5.9	98	0.00
75		2-Chlorotoluene	1.257	1.173	6.7	97	0.00
76		1,3,5-Trimethylbenzene	1.375	1.302	5.3	99	0.00
77		t-1,4-Dichloro-2-butene	0.189	0.164	13.2	95	0.00
78		4-Chlorotoluene	1.245	1.186	4.7	100	0.00
79		tert-butylbenzene	1.189	1.108	6.8	98	0.00
80		1,2,4-Trimethylbenzene	1.380	1.297	6.0	98	0.00
81		sec-Butylbenzene	1.620	1.541	4.9	100	0.00
82		p-Isopropyltoluene	1.360	1.277	6.1	99	0.00
83	M	1,3-Dichlorobenzene	0.754	0.719	4.6	103	0.00
84	M	1,4-Dichlorobenzene	0.750	0.698	6.9	100	0.00
85		n-Butylbenzene	1.139	1.050	7.8	101	0.00
86	T	Hexachloroethane	0.232	0.212	8.6	98	0.00
87	M	1,2-Dichlorobenzene	0.727	0.694	4.5	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.083	0.075	9.6	99	0.00
89		1,2,4-Trichlorobenzene	0.304	0.291	4.3	109	0.00
90		Hexachlorobutadiene	0.130	0.136	-4.6	116	0.00
91	M	Naphthalene	1.062	0.972	8.5	107	0.00
92		1,2,3-Trichlorobenzene	0.304	0.291	4.3	109	0.00

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