Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
Data File : VN086381.D
Acq On : 23 Apr 2025 13:53
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN042325

Quant Time: Apr 24 04:50:37 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	100	0.00
2	M	Dichlorodifluoromethane	2.071	2.142	-3.4	100	0.00
3	M	Chloromethane	2.942	3.004	-2.1	103	0.00
4	M	Vinyl Chloride	2.818	2.881	-2.2	102	0.00
5	M	Bromomethane	1.471	1.544	-5.0	103	0.00
6	M	Chloroethane	1.879	1.863	0.9	99	0.00
7	M	Trichlorofluoromethane	3.326	3.299	0.8	97	0.00
8	T	Diethyl Ether	1.404	1.412	-0.6	102	0.00
9		1,1,2-Trichlorotrifluoroeth	2.045	2.068	-1.1	101	0.00
10	M	1,1-Dichloroethene	2.093	2.063	1.4	98	0.00
11		Methyl Iodide	2.449	2.463	-0.6	101	0.00
12		Methyl Acetate	2.966	3.032	-2.2	101	0.00
13	M	Acrolein	0.150	0.126	16.0	98	0.00
14	M	Acrylonitrile	1.104	1.120	-1.4	101	0.00
15	M	Acetone	0.304	0.327	-7.6	117	0.00
16	M	Carbon Disulfide	5.515	5.689	-3.2	101	0.00
17		Allyl chloride	3.346	3.402	-1.7	104	0.00
18	M	Methylene Chloride	2.383	2.363	0.8	99	0.00
19	M	trans-1,2-Dichloroethene	2.231	2.238	-0.3	101	0.00
20	T	Diisopropyl ether	7.957	7.865	1.2	100	0.00
21	M	1,1-Dichloroethane	4.355	4.345	0.2	100	0.00
22	M	cis-1,2-Dichloroethene	2.789	2.775	0.5	101	0.00
23	M	tert-Butyl Alcohol	0.428	0.449	-4.9	98	0.00
24	M	Methyl tert-Butyl Ether	7.733	7.790	-0.7	101	0.00
25	M	Chloroform	4.408	4.367	0.9	98	0.00
26		Cyclohexane	3.846	3.789	1.5	100	0.00
27	s	1,2-Dichloroethane-d4	2.892	2.931	-1.3	98	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29		1,1-Dichloropropene	0.529	0.509	3.8	101	0.00
30	M	2-Butanone	0.257	0.254	1.2	102	0.00
31		2,2-Dichloropropane	0.680	0.645	5.1	98	0.00
32	M	1,1,1-Trichloroethane	0.632	0.607	4.0	99	0.00
33	M	Carbon Tetrachloride	0.520	0.499	4.0	98	0.00
34	M	Benzene	1.682	1.632	3.0	100	0.00
35		Methacrylonitrile	0.293	0.278	5.1	93	0.00
36	M	1,2-Dichloroethane	0.546	0.531	2.7	100	0.00
37	M	Trichloroethene	0.421	0.401	4.8	101	0.00
38		Methylcyclohexane	0.611	0.587	3.9	100	0.00
39	M	1,2-Dichloropropane	0.416	0.396	4.8	98	0.00
40		Dibromomethane	0.278	0.268	3.6	98	0.00
41	M	Bromodichloromethane	0.588	0.572	2.7	100	0.00
42	M	Vinyl Acetate	0.889	0.874	1.7	99	0.00
43		Ethyl Acetate	0.508	0.480	5.5	101	0.00
44		Isopropyl Acetate	0.964	0.955	0.9	102	0.00
45	T	1,4-Dioxane	0.008	0.008	0.0	101	0.00
46		Methyl methacrylate	0.445	0.427	4.0	99	0.00
47		n-amyl Acetate	0.822	0.766	6.8	98	0.00
48	M	t-1,3-Dichloropropene	0.657	0.630	4.1	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.693	0.667	3.8	100	0.00
50	M	1,1,2-Trichloroethane	0.388	0.382	1.5	100	0.00
51		Ethyl methacrylate	0.676	0.636	5.9	98	0.00
52		1,3-Dichloropropane	0.686	0.672	2.0	101	0.00
53	M	Dibromochloromethane	0.436	0.413	5.3	98	0.00
54	M	1,2-Dibromoethane	0.395	0.376	4.8	98	0.00
55	M	2-Chloroethyl vinyl ether	0.318	0.314	1.3	101	0.00
56	M	Bromoform	0.283	0.261	7.8	95	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58	M	4-Methyl-2-Pentanone	0.581	0.573	1.4	99	0.00
59	M	2-Hexanone	0.428	0.420	1.9	98	0.00
60	S	4-Bromofluorobenzene	0.590	0.564	4.4	96	0.00
61	M	Tetrachloroethene	0.458	0.437	4.6	100	0.00
62	M	Toluene	2.008	1.942	3.3	98	0.00
63	S	Toluene-d8	1.650	1.656	-0.4	98	0.00
64	M	Chlorobenzene	1.251	1.212	3.1	98	0.00
65		1,1,1,2-Tetrachloroethane	0.418	0.403	3.6	99	0.00
66	M	Ethyl Benzene	2.260	2.186	3.3	98	0.00
67	M	m/p-Xylenes	0.858	0.828	3.5	99	0.00
68	M	o-Xylene	0.840	0.807	3.9	99	0.00
69	M	Styrene	1.423	1.353	4.9	99	0.00
70		Isopropylbenzene	2.096	2.016	3.8	98	0.00
71	M	1,1,2,2-Tetrachloroethane	0.552	0.562	-1.8	98	0.00
72		1,2,3-Trichloropropane	0.481	0.472	1.9	100	0.00
73		Bromobenzene	0.482	0.464	3.7	98	0.00
74		n-propylbenzene	2.491	2.374	4.7	99	0.00
75		2-Chlorotoluene	1.555	1.488	4.3	98	0.00
76		1,3,5-Trimethylbenzene	1.720	1.661	3.4	100	0.00
77		t-1,4-Dichloro-2-butene	0.244	0.231	5.3	100	0.00
78		4-Chlorotoluene	1.555	1.480	4.8	101	0.00
79		tert-butylbenzene	1.473	1.413	4.1	99	0.00
80		1,2,4-Trimethylbenzene	1.757	1.678	4.5	99	0.00
81		sec-Butylbenzene	2.103	2.007	4.6	101	0.00
82		p-Isopropyltoluene	1.759	1.660	5.6	101	0.00
83	M	1,3-Dichlorobenzene	0.911	0.860	5.6	102	0.00
84	M	1,4-Dichlorobenzene	0.900	0.861	4.3	103	0.00
85		n-Butylbenzene	1.570	1.473	6.2	103	0.00
86	T	Hexachloroethane	0.288	0.264	8.3	99	0.00
87	M	1,2-Dichlorobenzene	0.867	0.827	4.6	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.112	0.110	1.8	107	0.00
89		1,2,4-Trichlorobenzene	0.395	0.395	0.0	112	0.00
90		Hexachlorobutadiene	0.159	0.171	-7.5	119	0.00
91	M	Naphthalene	1.414	1.444	-2.1	114	0.00
92		1,2,3-Trichlorobenzene	0.395	0.395	0.0	112	0.00

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