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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	100	0.00
2	M	Dichlorodifluoromethane	20.000	20.682	-3.4	100	0.00
3	M	Chloromethane	20.000	20.424	-2.1	103	0.00
4	M	Vinyl Chloride	20.000	20.449	-2.2	102	0.00
5	M	Bromomethane	20.000	20.985	-4.9	103	0.00
6	M	Chloroethane	20.000	19.838	0.8	99	0.00
7	M	Trichlorofluoromethane	20.000	19.836	0.8	97	0.00
8	T	Diethyl Ether	20.000	20.111	-0.6	102	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.227	-1.1	101	0.00
10	M	1,1-Dichloroethene	20.000	19.718	1.4	98	0.00
11		Methyl Iodide	20.000	20.120	-0.6	101	0.00
12		Methyl Acetate	20.000	20.442	-2.2	101	0.00
13	M	Acrolein	100.000	81.993	18.0	98	0.00
14	M	Acrylonitrile	100.000	101.422	-1.4	101	0.00
15	M	Acetone	100.000	107.574	-7.6	117	0.00
16	M	Carbon Disulfide	20.000	20.631	-3.2	101	0.00
17		Allyl chloride	20.000	20.329	-1.6	104	0.00
18	M	Methylene Chloride	20.000	19.828	0.9	99	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.070	-0.4	101	0.00
20	T	Diisopropyl ether	20.000	19.768	1.2	100	0.00
21	M	1,1-Dichloroethane	20.000	19.950	0.3	100	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.895	0.5	101	0.00
23	M	tert-Butyl Alcohol	100.000	104.953	-5.0	98	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.147	-0.7	101	0.00
25	M	Chloroform	20.000	19.815	0.9	98	0.00
26		Cyclohexane	20.000	19.705	1.5	100	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.399	-1.3	98	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29		1,1-Dichloropropene	20.000	19.252	3.7	101	0.00
30	M	2-Butanone	100.000	98.812	1.2	102	0.00
31		2,2-Dichloropropane	20.000	18.971	5.1	98	0.00
32	M	1,1,1-Trichloroethane	20.000	19.213	3.9	99	0.00
33	M	Carbon Tetrachloride	20.000	19.200	4.0	98	0.00
34	M	Benzene	20.000	19.408	3.0	100	0.00
35		Methacrylonitrile	20.000	18.965	5.2	93	0.00
36	M	1,2-Dichloroethane	20.000	19.464	2.7	100	0.00
37	M	Trichloroethene	20.000	19.047	4.8	101	0.00
38		Methylcyclohexane	20.000	19.209	4.0	100	0.00
39	M	1,2-Dichloropropane	20.000	19.063	4.7	98	0.00
40		Dibromomethane	20.000	19.273	3.6	98	0.00
41	M	Bromodichloromethane	20.000	19.438	2.8	100	0.00
42	M	Vinyl Acetate	100.000	98.241	1.8	99	0.00
43		Ethyl Acetate	20.000	18.897	5.5	101	0.00
44		Isopropyl Acetate	20.000	19.805	1.0	102	0.00
45	T	1,4-Dioxane	400.000	411.534	-2.9	101	0.00
46		Methyl methacrylate	20.000	19.190	4.0	99	0.00
47		n-amyl Acetate	20.000	18.642	6.8	98	0.00
48	M	t-1,3-Dichloropropene	20.000	19.167	4.2	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	19.233	3.8	100	0.00
50	M	1,1,2-Trichloroethane	20.000	19.666	1.7	100	0.00
51		Ethyl methacrylate	20.000	18.819	5.9	98	0.00
52		1,3-Dichloropropane	20.000	19.590	2.1	101	0.00
53	M	Dibromochloromethane	20.000	18.927	5.4	98	0.00
54	M	1,2-Dibromoethane	20.000	19.043	4.8	98	0.00
55	M	2-Chloroethyl vinyl ether	100.000	98.770	1.2	101	0.00
56	M	Bromoform	20.000	18.434	7.8	95	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58	M	4-Methyl-2-Pentanone	100.000	98.743	1.3	99	0.00
59	M	2-Hexanone	100.000	98.060	1.9	98	0.00
60	S	4-Bromofluorobenzene	30.000	28.685	4.4	96	0.00
61	M	Tetrachloroethene	20.000	19.102	4.5	100	0.00
62	M	Toluene	20.000	19.339	3.3	98	0.00
63	S	Toluene-d8	30.000	30.100	-0.3	98	0.00
64	M	Chlorobenzene	20.000	19.378	3.1	98	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.270	3.7	99	0.00
66	M	Ethyl Benzene	20.000	19.345	3.3	98	0.00
67	M	m/p-Xylenes	40.000	38.625	3.4	99	0.00
68	M	o-Xylene	20.000	19.209	4.0	99	0.00
69	M	Styrene	20.000	19.014	4.9	99	0.00
70		Isopropylbenzene	20.000	19.236	3.8	98	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.382	-1.9	98	0.00
72		1,2,3-Trichloropropane	20.000	19.624	1.9	100	0.00
73		Bromobenzene	20.000	19.266	3.7	98	0.00
74		n-propylbenzene	20.000	19.064	4.7	99	0.00
75		2-Chlorotoluene	20.000	19.133	4.3	98	0.00
76		1,3,5-Trimethylbenzene	20.000	19.311	3.4	100	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.884	5.6	100	0.00
78		4-Chlorotoluene	20.000	19.044	4.8	101	0.00
79		tert-butylbenzene	20.000	19.180	4.1	99	0.00
80		1,2,4-Trimethylbenzene	20.000	19.103	4.5	99	0.00
81		sec-Butylbenzene	20.000	19.091	4.5	101	0.00
82		p-Isopropyltoluene	20.000	18.866	5.7	101	0.00
83	M	1,3-Dichlorobenzene	20.000	18.889	5.6	102	0.00
84	M	1,4-Dichlorobenzene	20.000	19.142	4.3	103	0.00
85		n-Butylbenzene	20.000	18.762	6.2	103	0.00
86	T	Hexachloroethane	20.000	18.358	8.2	99	0.00
87	M	1,2-Dichlorobenzene	20.000	19.078	4.6	102	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.684	1.6	107	0.00
89		1,2,4-Trichlorobenzene	20.000	19.995	0.0	112	0.00
90		Hexachlorobutadiene	20.000	21.534	-7.7	119	0.00
91	M	Naphthalene	20.000	20.413	-2.1	114	0.00
92		1,2,3-Trichlorobenzene	20.000	19.995	0.0	112	0.00

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