Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
Data File : VN086257.D
Acq On : 14 Apr 2025 09:48
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 15 03:03:41 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	103	0.00
2	M	Dichlorodifluoromethane	2.404	2.422	-0.7	108	0.00
3	M	Chloromethane	3.322	3.179	4.3	106	0.00
4	M	Vinyl Chloride	3.164	3.024	4.4	104	0.00
5	M	Bromomethane	1.578	1.442	8.6	101	0.00
6	M	Chloroethane	1.998	1.927	3.6	107	0.00
7	M	Trichlorofluoromethane	3.433	3.284	4.3	106	0.00
8	T	Diethyl Ether	1.583	1.507	4.8	106	0.00
9		1,1,2-Trichlorotrifluoroeth	2.117	2.038	3.7	105	0.00
10	M	1,1-Dichloroethene	2.284	2.133	6.6	103	0.00
11		Methyl Iodide	2.626	2.441	7.0	102	0.00
12		Methyl Acetate	3.226	2.974	7.8	104	0.00
13	M	Acrolein	0.367	0.410	-11.7	157#	0.00
14	M	Acrylonitrile	1.362	1.230	9.7	99	0.00
15	M	Acetone	0.345	0.292	15.4	92	0.00
16	M	Carbon Disulfide	6.550	6.196	5.4	102	0.00
17		Allyl chloride	3.981	3.696	7.2	103	0.00
18	M	Methylene Chloride	2.605	2.443	6.2	106	0.00
19	M	trans-1,2-Dichloroethene	2.406	2.219	7.8	103	0.00
20	T	Diisopropyl ether	8.560	8.116	5.2	104	0.00
21	M	1,1-Dichloroethane	4.567	4.430	3.0	105	0.00
22	M	cis-1,2-Dichloroethene	2.866	2.745	4.2	106	0.00
23	M	tert-Butyl Alcohol	0.564	0.493	12.6	93	0.00
24	M	Methyl tert-Butyl Ether	8.244	7.823	5.1	105	0.00
25	M	Chloroform	4.355	4.145	4.8	105	0.00
26		Cyclohexane	4.273	4.028	5.7	106	0.00
27	s	1,2-Dichloroethane-d4	2.926	2.921	0.2	104	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29		1,1-Dichloropropene	0.537	0.507	5.6	105	0.00
30	M	2-Butanone	0.298	0.261	12.4	96	0.00
31		2,2-Dichloropropane	0.662	0.643	2.9	107	0.00
32	M	1,1,1-Trichloroethane	0.618	0.576	6.8	105	0.00
33	M	Carbon Tetrachloride	0.494	0.466	5.7	105	0.00
34	M	Benzene	1.710	1.605	6.1	105	0.00
35		Methacrylonitrile	0.336	0.299	11.0	100	0.00
36	M	1,2-Dichloroethane	0.535	0.512	4.3	107	0.00
37	M	Trichloroethene	0.413	0.396	4.1	107	0.00
38		Methylcyclohexane	0.659	0.619	6.1	107	0.00
39	M	1,2-Dichloropropane	0.425	0.402	5.4	106	0.00
40		Dibromomethane	0.275	0.253	8.0	104	0.00
41	M	Bromodichloromethane	0.590	0.545	7.6	103	0.00
42	M	Vinyl Acetate	1.014	0.943	7.0	101	0.00
43		Ethyl Acetate	0.601	0.536	10.8	97	0.00
44		Isopropyl Acetate	1.114	0.965	13.4	98	0.00
45	T	1,4-Dioxane	0.009	0.008	11.1	101	0.00
46		Methyl methacrylate	0.491	0.448	8.8	101	0.00
47		n-amyl Acetate	0.883	0.760	13.9	98	0.00
48	M	t-1,3-Dichloropropene	0.667	0.620	7.0	104	0.00

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Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 15 03:03:41 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)
49	T	cis-1,3-Dichloropropene	0.706	0.665	5.8	105	0.00
50	M	1,1,2-Trichloroethane	0.385	0.356	7.5	102	0.00
51		Ethyl methacrylate	0.716	0.641	10.5	100	0.00
52		1,3-Dichloropropane	0.687	0.643	6.4	106	0.00
53	M	Dibromochloromethane	0.422	0.394	6.6	104	0.00
54	M	1,2-Dibromoethane	0.389	0.360	7.5	104	0.00
55	M	2-Chloroethyl vinyl ether	0.271	0.300	-10.7	99	0.00
56	M	Bromoform	0.276	0.253	8.3	102	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58	M	4-Methyl-2-Pentanone	0.681	0.620	9.0	98	0.00
59	M	2-Hexanone	0.507	0.458	9.7	98	0.00
60	S	4-Bromofluorobenzene	0.597	0.586	1.8	104	0.00
61	M	Tetrachloroethene	0.443	0.429	3.2	107	0.00
62	M	Toluene	2.012	1.915	4.8	104	0.00
63	S	Toluene-d8	1.694	1.689	0.3	104	0.00
64	M	Chlorobenzene	1.229	1.169	4.9	105	0.00
65		1,1,1,2-Tetrachloroethane	0.406	0.388	4.4	105	0.00
66	M	Ethyl Benzene	2.232	2.098	6.0	104	0.00
67	M	m/p-Xylenes	0.830	0.780	6.0	105	0.00
68	M	o-Xylene	0.816	0.787	3.6	107	0.00
69	M	Styrene	1.376	1.288	6.4	105	0.00
70		Isopropylbenzene	2.012	1.918	4.7	106	0.00
71	M	1,1,2,2-Tetrachloroethane	0.573	0.527	8.0	100	0.00
72		1,2,3-Trichloropropane	0.596	0.546	8.4	102	0.00
73		Bromobenzene	0.446	0.424	4.9	105	0.00
74		n-propylbenzene	2.376	2.265	4.7	108	0.00
75		2-Chlorotoluene	1.494	1.402	6.2	105	0.00
76		1,3,5-Trimethylbenzene	1.653	1.563	5.4	105	0.00
77		t-1,4-Dichloro-2-butene	0.275	0.253	8.0	103	0.00
78		4-Chlorotoluene	1.492	1.387	7.0	106	0.00
79		tert-butylbenzene	1.430	1.336	6.6	105	0.00
80		1,2,4-Trimethylbenzene	1.676	1.584	5.5	105	0.00
81		sec-Butylbenzene	1.995	1.904	4.6	106	0.00
82		p-Isopropyltoluene	1.664	1.608	3.4	107	0.00
83	M	1,3-Dichlorobenzene	0.829	0.780	5.9	107	0.00
84	M	1,4-Dichlorobenzene	0.831	0.774	6.9	105	0.00
85		n-Butylbenzene	1.502	1.423	5.3	106	0.00
86	T	Hexachloroethane	0.281	0.267	5.0	106	0.00
87	M	1,2-Dichlorobenzene	0.818	0.764	6.6	104	0.00
88		1,2-Dibromo-3-Chloropropane	0.130	0.108	16.9	89	0.00
89		1,2,4-Trichlorobenzene	0.398	0.359	9.8	95	0.00
90		Hexachlorobutadiene	0.172	0.148	14.0	94	0.00
91	M	Naphthalene	1.569	1.297	17.3	89	0.00
92		1,2,3-Trichlorobenzene	0.398	0.359	9.8	95	0.00

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