Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
Data File : VN086275.D
Acq On : 14 Apr 2025 17:38
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 15 03:14:47 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	110	0.00
2	M	Dichlorodifluoromethane	2.404	2.370	1.4	112	0.00
3	M	Chloromethane	3.322	2.567	22.7	91	0.00
4	M	Vinyl Chloride	3.164	3.019	4.6	111	0.00
5	M	Bromomethane	1.578	1.178	25.3#	88	0.00
6	M	Chloroethane	1.998	1.910	4.4	113	0.00
7	M	Trichlorofluoromethane	3.433	3.384	1.4	116	0.00
8	T	Diethyl Ether	1.583	1.490	5.9	111	0.00
9		1,1,2-Trichlorotrifluoroeth	2.117	2.064	2.5	114	0.00
10	M	1,1-Dichloroethene	2.284	2.164	5.3	111	0.00
11		Methyl Iodide	2.626	1.808	31.2#	81	0.00
12		Methyl Acetate	3.226	3.138	2.7	116	0.00
13	M	Acrolein	0.367	0.392	-6.8	160#	0.00
14	M	Acrylonitrile	1.362	1.238	9.1	106	0.00
15	M	Acetone	0.345	0.314	9.0	105	0.00
16	M	Carbon Disulfide	6.550	6.275	4.2	110	0.00
17		Allyl chloride	3.981	3.618	9.1	107	0.00
18	M	Methylene Chloride	2.605	2.478	4.9	114	0.00
19	M	trans-1,2-Dichloroethene	2.406	2.226	7.5	110	0.00
20	T	Diisopropyl ether	8.560	8.106	5.3	110	0.00
21	M	1,1-Dichloroethane	4.567	4.463	2.3	113	0.00
22	M	cis-1,2-Dichloroethene	2.866	2.765	3.5	113	0.00
23	M	tert-Butyl Alcohol	0.564	0.494	12.4	100	0.00
24	M	Methyl tert-Butyl Ether	8.244	7.912	4.0	113	0.00
25	M	Chloroform	4.355	4.373	-0.4	118	0.00
26		Cyclohexane	4.273	4.023	5.9	112	0.00
27	s	1,2-Dichloroethane-d4	2.926	2.833	3.2	107	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
29		1,1-Dichloropropene	0.537	0.527	1.9	112	0.00
30	M	2-Butanone	0.298	0.278	6.7	105	0.00
31		2,2-Dichloropropane	0.662	0.647	2.3	110	0.00
32	M	1,1,1-Trichloroethane	0.618	0.632	-2.3	118	0.00
33	M	Carbon Tetrachloride	0.494	0.506	-2.4	117	0.00
34	M	Benzene	1.710	1.718	-0.5	115	0.00
35		Methacrylonitrile	0.336	0.312	7.1	107	0.00
36	M	1,2-Dichloroethane	0.535	0.548	-2.4	117	0.00
37	M	Trichloroethene	0.413	0.399	3.4	110	0.00
38		Methylcyclohexane	0.659	0.617	6.4	109	0.00
39	M	1,2-Dichloropropane	0.425	0.424	0.2	114	0.00
40		Dibromomethane	0.275	0.278	-1.1	116	0.00
41	M	Bromodichloromethane	0.590	0.587	0.5	113	0.00
42	M	Vinyl Acetate	1.014	1.004	1.0	109	0.00
43		Ethyl Acetate	0.601	0.566	5.8	105	0.00
44		Isopropyl Acetate	1.114	1.002	10.1	104	0.00
45	T	1,4-Dioxane	0.009	0.009	0.0	111	0.00
46		Methyl methacrylate	0.491	0.469	4.5	108	0.00
47		n-amyl Acetate	0.883	0.901	-2.0	119	0.00
48	M	t-1,3-Dichloropropene	0.667	0.659	1.2	113	0.00

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Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 15 03:14:47 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	0.705	0.1	113	0.00
50	M	1,1,2-Trichloroethane	0.385	0.391	-1.6	114	0.00
51		Ethyl methacrylate	0.716	0.711	0.7	114	0.00
52		1,3-Dichloropropane	0.687	0.699	-1.7	117	0.00
53	M	Dibromochloromethane	0.422	0.430	-1.9	116	0.00
54	M	1,2-Dibromoethane	0.389	0.395	-1.5	116	0.00
55	M	2-Chloroethyl vinyl ether	0.271	0.330	-21.8	111	0.00
56	M	Bromoform	0.276	0.281	-1.8	116	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58	M	4-Methyl-2-Pentanone	0.681	0.649	4.7	107	0.00
59	M	2-Hexanone	0.507	0.474	6.5	105	0.00
60	S	4-Bromofluorobenzene	0.597	0.592	0.8	110	0.00
61	M	Tetrachloroethene	0.443	0.421	5.0	110	0.00
62	M	Toluene	2.012	2.054	-2.1	117	0.00
63	S	Toluene-d8	1.694	1.664	1.8	107	0.00
64	M	Chlorobenzene	1.229	1.246	-1.4	117	0.00
65		1,1,1,2-Tetrachloroethane	0.406	0.429	-5.7	121	0.00
66	M	Ethyl Benzene	2.232	2.271	-1.7	117	0.00
67	M	m/p-Xylenes	0.830	0.851	-2.5	119	0.00
68	M	o-Xylene	0.816	0.851	-4.3	121	0.00
69	M	Styrene	1.376	1.419	-3.1	121	0.00
70		Isopropylbenzene	2.012	2.085	-3.6	120	0.00
71	M	1,1,2,2-Tetrachloroethane	0.573	0.640	-11.7	127	0.00
72		1,2,3-Trichloropropane	0.596	0.591	0.8	115	0.00
73		Bromobenzene	0.446	0.475	-6.5	123	0.00
74		n-propylbenzene	2.376	2.448	-3.0	121	0.00
75		2-Chlorotoluene	1.494	1.538	-2.9	120	0.00
76		1,3,5-Trimethylbenzene	1.653	1.694	-2.5	119	0.00
77		t-1,4-Dichloro-2-butene	0.275	0.247	10.2	104	0.00
78		4-Chlorotoluene	1.492	1.527	-2.3	122	0.00
79		tert-butylbenzene	1.430	1.454	-1.7	119	0.00
80		1,2,4-Trimethylbenzene	1.676	1.703	-1.6	118	0.00
81		sec-Butylbenzene	1.995	2.002	-0.4	116	0.00
82		p-Isopropyltoluene	1.664	1.662	0.1	116	0.00
83	M	1,3-Dichlorobenzene	0.829	0.866	-4.5	124	0.00
84	M	1,4-Dichlorobenzene	0.831	0.853	-2.6	121	0.00
85		n-Butylbenzene	1.502	1.428	4.9	111	0.00
86	T	Hexachloroethane	0.281	0.279	0.7	116	0.00
87	M	1,2-Dichlorobenzene	0.818	0.850	-3.9	121	0.00
88		1,2-Dibromo-3-Chloropropane	0.130	0.125	3.8	108	0.00
89		1,2,4-Trichlorobenzene	0.398	0.380	4.5	105	0.00
90		Hexachlorobutadiene	0.172	0.160	7.0	106	0.00
91	M	Naphthalene	1.569	1.417	9.7	101	0.00
92		1,2,3-Trichlorobenzene	0.398	0.380	4.5	105	0.00

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