Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042125\
Data File : VN086354.D
Acq On : 21 Apr 2025 09:51
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 22 01:47:34 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	107	0.00
2	M	Dichlorodifluoromethane	2.404	2.655	-10.4	122	0.00
3	M	Chloromethane	3.322	3.530	-6.3	122	0.00
4	M	Vinyl Chloride	3.164	3.381	-6.9	120	0.00
5	M	Bromomethane	1.578	1.698	-7.6	123	0.00
6	M	Chloroethane	1.998	2.183	-9.3	125	0.00
7	M	Trichlorofluoromethane	3.433	3.780	-10.1	126	0.00
8	T	Diethyl Ether	1.583	1.570	0.8	113	0.00
9		1,1,2-Trichlorotrifluoroeth	2.117	2.340	-10.5	125	0.00
10	M	1,1-Dichloroethene	2.284	2.376	-4.0	118	0.00
11		Methyl Iodide	2.626	2.665	-1.5	115	0.00
12		Methyl Acetate	3.226	3.448	-6.9	124	0.00
13	M	Acrolein	0.367	0.288	21.5	114	0.00
14	M	Acrylonitrile	1.362	1.275	6.4	106	0.00
15	M	Acetone	0.345	0.377	-9.3	122	0.00
16	M	Carbon Disulfide	6.550	6.566	-0.2	112	0.00
17		Allyl chloride	3.981	3.877	2.6	111	0.00
18	M	Methylene Chloride	2.605	2.687	-3.1	120	0.00
19	M	trans-1,2-Dichloroethene	2.406	2.438	-1.3	117	0.00
20	T	Diisopropyl ether	8.560	8.881	-3.7	117	0.00
21	M	1,1-Dichloroethane	4.567	4.832	-5.8	119	0.00
22	M	cis-1,2-Dichloroethene	2.866	3.011	-5.1	119	0.00
23	M	tert-Butyl Alcohol	0.564	0.534	5.3	105	0.00
24	M	Methyl tert-Butyl Ether	8.244	8.573	-4.0	119	0.00
25	M	Chloroform	4.355	4.769	-9.5	124	0.00
26		Cyclohexane	4.273	4.375	-2.4	118	0.00
27	s	1,2-Dichloroethane-d4	2.926	3.017	-3.1	111	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
29		1,1-Dichloropropene	0.537	0.564	-5.0	121	0.00
30	M	2-Butanone	0.298	0.298	0.0	113	0.00
31		2,2-Dichloropropane	0.662	0.730	-10.3	126	0.00
32	M	1,1,1-Trichloroethane	0.618	0.674	-9.1	126	0.00
33	M	Carbon Tetrachloride	0.494	0.554	-12.1	129	0.00
34	M	Benzene	1.710	1.803	-5.4	121	0.00
35		Methacrylonitrile	0.336	0.329	2.1	114	0.00
36	M	1,2-Dichloroethane	0.535	0.589	-10.1	126	0.00
37	M	Trichloroethene	0.413	0.437	-5.8	121	0.00
38		Methylcyclohexane	0.659	0.675	-2.4	120	0.00
39	M	1,2-Dichloropropane	0.425	0.443	-4.2	120	0.00
40		Dibromomethane	0.275	0.291	-5.8	123	0.00
41	M	Bromodichloromethane	0.590	0.634	-7.5	123	0.00
42	M	Vinyl Acetate	1.014	1.003	1.1	110	0.00
43		Ethyl Acetate	0.601	0.552	8.2	103	0.00
44		Isopropyl Acetate	1.114	1.064	4.5	111	0.00
45	T	1,4-Dioxane	0.009	0.009	0.0	118	0.00
46		Methyl methacrylate	0.491	0.493	-0.4	115	0.00
47		n-amyl Acetate	0.883	0.931	-5.4	124	0.00
48	M	t-1,3-Dichloropropene	0.667	0.694	-4.0	121	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	0.706	0.746	-5.7	121	0.00
50	M	1,1,2-Trichloroethane	0.385	0.405	-5.2	120	0.00
51		Ethyl methacrylate	0.716	0.745	-4.1	120	0.00
52		1,3-Dichloropropane	0.687	0.730	-6.3	124	0.00
53	M	Dibromochloromethane	0.422	0.456	-8.1	124	0.00
54	M	1,2-Dibromoethane	0.389	0.424	-9.0	126	0.00
55	M	2-Chloroethyl vinyl ether	0.271	0.347	-28.0#	118	0.00
56	M	Bromoform	0.276	0.309	-12.0	129	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
58	M	4-Methyl-2-Pentanone	0.681	0.658	3.4	111	0.00
59	M	2-Hexanone	0.507	0.486	4.1	111	0.00
60	S	4-Bromofluorobenzene	0.597	0.592	0.8	113	0.00
61	M	Tetrachloroethene	0.443	0.473	-6.8	126	0.00
62	M	Toluene	2.012	2.174	-8.1	127	0.00
63	S	Toluene-d8	1.694	1.656	2.2	109	0.00
64	M	Chlorobenzene	1.229	1.323	-7.6	127	0.00
65		1,1,1,2-Tetrachloroethane	0.406	0.446	-9.9	129	0.00
66	M	Ethyl Benzene	2.232	2.398	-7.4	127	0.00
67	M	m/p-Xylenes	0.830	0.903	-8.8	130	0.00
68	M	o-Xylene	0.816	0.898	-10.0	131	0.00
69	M	Styrene	1.376	1.513	-10.0	133	0.00
70		Isopropylbenzene	2.012	2.232	-10.9	132	0.00
71	M	1,1,2,2-Tetrachloroethane	0.573	0.626	-9.2	127	0.00
72		1,2,3-Trichloropropane	0.596	0.612	-2.7	122	0.00
73		Bromobenzene	0.446	0.508	-13.9	135	0.00
74		n-propylbenzene	2.376	2.665	-12.2	135	0.00
75		2-Chlorotoluene	1.494	1.639	-9.7	131	0.00
76		1,3,5-Trimethylbenzene	1.653	1.845	-11.6	133	0.00
77		t-1,4-Dichloro-2-butene	0.275	0.273	0.7	118	0.00
78		4-Chlorotoluene	1.492	1.638	-9.8	134	0.00
79		tert-butylbenzene	1.430	1.550	-8.4	130	0.00
80		1,2,4-Trimethylbenzene	1.676	1.861	-11.0	132	0.00
81		sec-Butylbenzene	1.995	2.263	-13.4	134	0.00
82		p-Isopropyltoluene	1.664	1.873	-12.6	134	0.00
83	M	1,3-Dichlorobenzene	0.829	0.949	-14.5	139	0.00
84	M	1,4-Dichlorobenzene	0.831	0.924	-11.2	135	0.00
85		n-Butylbenzene	1.502	1.674	-11.5	133	0.00
86	T	Hexachloroethane	0.281	0.307	-9.3	131	0.00
87	M	1,2-Dichlorobenzene	0.818	0.912	-11.5	133	0.00
88		1,2-Dibromo-3-Chloropropane	0.130	0.127	2.3	112	0.00
89		1,2,4-Trichlorobenzene	0.398	0.404	-1.5	114	0.00
90		Hexachlorobutadiene	0.172	0.172	0.0	117	0.00
91	M	Naphthalene	1.569	1.497	4.6	110	0.00
92		1,2,3-Trichlorobenzene	0.398	0.404	-1.5	114	0.00

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