Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
Data File : VN087397.D
Acq On : 22 Jul 2025 18:11
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jul 23 05:58:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 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	77	-0.02
2	M	Dichlorodifluoromethane	1.806	1.113	38.4#	52	-0.01
3	M	Chloromethane	1.844	1.262	31.6#	62	-0.01
4	M	Vinyl Chloride	2.005	1.413	29.5#	60	-0.01
5	M	Bromomethane	1.064	0.663	37.7#	53	-0.01
6	M	Chloroethane	1.075	1.220	-13.5	97	-0.02
7	M	Trichlorofluoromethane	2.459	2.797	-13.7	93	-0.02
8	T	Diethyl Ether	1.208	1.130	6.5	81	-0.02
9		1,1,2-Trichlorotrifluoroeth	1.823	1.479	18.9	68	-0.04
10	M	1,1-Dichloroethene	1.817	1.411	22.3	65	-0.04
11		Methyl Iodide	1.628	0.779	52.1#	46#	-0.02
12		Methyl Acetate	2.851	2.459	13.7	72	-0.03
13	M	Acrolein	0.438	0.393	10.3	84	-0.03
14	M	Acrylonitrile	1.330	0.983	26.1#	62	-0.02
15	M	Acetone	0.388	0.343	11.6	72	-0.03
16	M	Carbon Disulfide	5.313	3.201	39.8#	51	-0.03
17		Allyl chloride	2.997	2.005	33.1#	56	-0.04
18	M	Methylene Chloride	2.105	1.633	22.4	65	-0.04
19	M	trans-1,2-Dichloroethene	1.987	1.445	27.3#	61	-0.03
20	T	Diisopropyl ether	6.359	5.072	20.2	64	-0.03
21	M	1,1-Dichloroethane	3.801	2.815	25.9#	61	-0.02
22	M	cis-1,2-Dichloroethene	2.313	1.756	24.1	65	-0.02
23	M	tert-Butyl Alcohol	0.500	0.369	26.2#	63	-0.02
24	M	Methyl tert-Butyl Ether	6.374	5.122	19.6	69	-0.02
25	M	Chloroform	3.641	3.265	10.3	76	-0.02
26		Cyclohexane	3.159	1.698	46.2#	46#	-0.02
27	s	1,2-Dichloroethane-d4	2.260	2.435	-7.7	81	-0.02
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	62	-0.02
29		1,1-Dichloropropene	0.468	0.416	11.1	65	-0.02
30	M	2-Butanone	0.315	0.323	-2.5	70	-0.02
31		2,2-Dichloropropane	0.564	0.586	-3.9	70	-0.02
32	M	1,1,1-Trichloroethane	0.546	0.595	-9.0	74	-0.02
33	M	Carbon Tetrachloride	0.460	0.508	-10.4	79	-0.02
34	M	Benzene	1.481	1.367	7.7	65	-0.02
35		Methacrylonitrile	0.318	0.304	4.4	66	-0.03
36	M	1,2-Dichloroethane	0.479	0.578	-20.7	81	-0.02
37	M	Trichloroethene	0.342	0.315	7.9	67	-0.02
38		Methylcyclohexane	0.537	0.376	30.0#	50#	-0.02
39	M	1,2-Dichloropropane	0.372	0.361	3.0	65	-0.02
40		Dibromomethane	0.253	0.274	-8.3	73	-0.02
41	M	Bromodichloromethane	0.510	0.573	-12.4	74	-0.02
42	M	Vinyl Acetate	1.026	0.909	11.4	60	-0.02
43		Ethyl Acetate	0.569	0.621	-9.1	69	-0.02
44		Isopropyl Acetate	0.928	0.967	-4.2	72	-0.02
45	T	1,4-Dioxane	0.006	0.007	-16.7	77	-0.02
46		Methyl methacrylate	0.431	0.433	-0.5	68	-0.02
47		n-amyl Acetate	0.567	0.579	-2.1	71	-0.02
48	M	t-1,3-Dichloropropene	0.569	0.553	2.8	67	-0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.605	0.591	2.3	65	-0.02
50	M	1,1,2-Trichloroethane	0.359	0.371	-3.3	69	-0.02
51		Ethyl methacrylate	0.547	0.523	4.4	69	-0.03
52		1,3-Dichloropropane	0.617	0.612	0.8	66	-0.02
53	M	Dibromochloromethane	0.377	0.443	-17.5	80	-0.02
54	M	1,2-Dibromoethane	0.371	0.387	-4.3	70	-0.02
55	M	2-Chloroethyl vinyl ether	0.313	0.321	-2.6	69	-0.02
56	M	Bromoform	0.259	0.291	-12.4	77	-0.02
57	I	Chlorobenzene-d5	1.000	1.000	0.0	64	-0.02
58	M	4-Methyl-2-Pentanone	0.603	0.684	-13.4	80	-0.02
59	M	2-Hexanone	0.389	0.440	-13.1	87	-0.02
60	S	4-Bromofluorobenzene	0.463	0.482	-4.1	69	-0.02
61	M	Tetrachloroethene	0.297	0.272	8.4	65	-0.02
62	M	Toluene	1.694	1.559	8.0	64	-0.02
63	S	Toluene-d8	1.347	1.384	-2.7	63	-0.02
64	M	Chlorobenzene	1.081	0.986	8.8	64	-0.02
65		1,1,1,2-Tetrachloroethane	0.357	0.391	-9.5	77	-0.02
66	M	Ethyl Benzene	1.855	1.577	15.0	61	-0.02
67	M	m/p-Xylenes	0.711	0.619	12.9	62	-0.02
68	M	o-Xylene	0.678	0.578	14.7	61	-0.02
69	M	Styrene	1.164	1.042	10.5	64	-0.02
70		Isopropylbenzene	1.689	1.500	11.2	65	-0.02
71	M	1,1,2,2-Tetrachloroethane	0.608	0.604	0.7	68	-0.02
72		1,2,3-Trichloropropane	0.524	0.507	3.2	70	-0.01
73		Bromobenzene	0.410	0.409	0.2	72	-0.02
74		n-propylbenzene	2.063	1.948	5.6	69	-0.02
75		2-Chlorotoluene	1.246	1.161	6.8	69	-0.02
76		1,3,5-Trimethylbenzene	1.375	1.304	5.2	71	-0.02
77		t-1,4-Dichloro-2-butene	0.232	0.163	29.7#	53	-0.01
78		4-Chlorotoluene	1.276	1.258	1.4	73	-0.02
79		tert-butylbenzene	1.156	1.094	5.4	71	-0.02
80		1,2,4-Trimethylbenzene	1.380	1.335	3.3	72	-0.02
81		sec-Butylbenzene	1.680	1.597	4.9	69	-0.02
82		p-Isopropyltoluene	1.398	1.321	5.5	67	-0.02
83	M	1,3-Dichlorobenzene	0.789	0.802	-1.6	71	-0.02
84	M	1,4-Dichlorobenzene	0.794	0.775	2.4	69	-0.02
85		n-Butylbenzene	1.275	1.234	3.2	68	-0.02
86	T	Hexachloroethane	0.265	0.285	-7.5	80	-0.02
87	M	1,2-Dichlorobenzene	0.744	0.775	-4.2	74	-0.02
88		1,2-Dibromo-3-Chloropropane	0.137	0.141	-2.9	74	-0.01
89		1,2,4-Trichlorobenzene	0.421	0.443	-5.2	75	-0.02
90		Hexachlorobutadiene	0.125	0.190	-52.0#	108	-0.02
91	M	Naphthalene	1.656	1.418	14.4	63	-0.02
92		1,2,3-Trichlorobenzene	0.421	0.443	-5.2	75	-0.02

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