Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
Data File : VN085399.D
Acq On : 07 Jan 2025 15:58
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jan 08 05:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Dec 21 02:03:07 2024
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	95	0.00
2	M	Dichlorodifluoromethane	2.508	2.402	4.2	86	0.00
3	M	Chloromethane	2.533	2.326	8.2	84	0.00
4	M	Vinyl Chloride	2.572	2.316	10.0	84	0.00
5	M	Bromomethane	1.503	1.248	17.0	80	0.00
6	M	Chloroethane	1.623	1.446	10.9	81	0.00
7	M	Trichlorofluoromethane	3.533	3.334	5.6	87	0.00
8	T	Diethyl Ether	1.217	1.049	13.8	84	0.00
9		1,1,2-Trichlorotrifluoroeth	2.029	1.943	4.2	88	0.00
10	M	1,1-Dichloroethene	1.853	1.716	7.4	89	0.00
11		Methyl Iodide	2.221	1.922	13.5	85	0.00
12		Methyl Acetate	2.768	2.400	13.3	81	0.00
13	M	Acrolein	0.247	0.157	36.4#	68	0.00
14	M	Acrylonitrile	1.070	0.795	25.7#	70	0.00
15	M	Acetone	0.270	0.199	26.3#	69	0.00
16	M	Carbon Disulfide	5.634	5.051	10.3	84	0.00
17		Allyl chloride	2.998	2.689	10.3	87	0.00
18	M	Methylene Chloride	2.208	1.999	9.5	84	0.00
19	M	trans-1,2-Dichloroethene	1.928	1.814	5.9	89	0.00
20	T	Diisopropyl ether	6.871	6.277	8.6	85	0.00
21	M	1,1-Dichloroethane	4.017	3.749	6.7	87	0.00
22	M	cis-1,2-Dichloroethene	2.295	2.158	6.0	90	0.00
23	M	tert-Butyl Alcohol	0.353	0.211	40.2#	60	0.00
24	M	Methyl tert-Butyl Ether	6.083	5.362	11.9	84	-0.01
25	M	Chloroform	4.072	3.872	4.9	88	0.00
26		Cyclohexane	3.063	2.701	11.8	85	0.00
27	s	1,2-Dichloroethane-d4	2.639	2.675	-1.4	96	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29		1,1-Dichloropropene	0.521	0.479	8.1	91	0.00
30	M	2-Butanone	0.275	0.190	30.9#	68	0.00
31		2,2-Dichloropropane	0.660	0.605	8.3	90	0.00
32	M	1,1,1-Trichloroethane	0.677	0.602	11.1	87	0.00
33	M	Carbon Tetrachloride	0.593	0.533	10.1	88	0.00
34	M	Benzene	1.646	1.482	10.0	87	0.00
35		Methacrylonitrile	0.304	0.233	23.4	76	0.00
36	M	1,2-Dichloroethane	0.595	0.531	10.8	87	0.00
37	M	Trichloroethene	0.362	0.332	8.3	90	0.00
38		Methylcyclohexane	0.539	0.485	10.0	97	0.00
39	M	1,2-Dichloropropane	0.419	0.376	10.3	88	0.00
40		Dibromomethane	0.292	0.254	13.0	85	0.00
41	M	Bromodichloromethane	0.610	0.553	9.3	88	0.00
42	M	Vinyl Acetate	0.971	0.767	21.0	80	0.00
43		Ethyl Acetate	0.569	0.405	28.8#	73	0.00
44		Isopropyl Acetate	0.945	0.730	22.8	77	0.00
45	T	1,4-Dioxane	0.007	0.004	42.9#	58	0.00
46		Methyl methacrylate	0.438	0.338	22.8	77	-0.01
47		n-amyl Acetate	0.805	0.598	25.7#	76	0.00
48	M	t-1,3-Dichloropropene	0.603	0.511	15.3	86	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.648	0.565	12.8	88	0.00
50	M	1,1,2-Trichloroethane	0.382	0.336	12.0	84	0.00
51		Ethyl methacrylate	0.578	0.457	20.9	83	0.00
52		1,3-Dichloropropane	0.667	0.590	11.5	85	0.00
53	M	Dibromochloromethane	0.448	0.386	13.8	83	0.00
54	M	1,2-Dibromoethane	0.370	0.319	13.8	85	0.00
55	M	2-Chloroethyl vinyl ether	0.298	0.211	29.2#	72	0.00
56	M	Bromoform	0.292	0.225	22.9	77	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.608	0.453	25.5#	72	0.00
59	M	2-Hexanone	0.442	0.311	29.6#	68	0.00
60	S	4-Bromofluorobenzene	0.486	0.467	3.9	97	0.00
61	M	Tetrachloroethene	0.335	0.303	9.6	89	0.00
62	M	Toluene	1.843	1.669	9.4	88	0.00
63	S	Toluene-d8	1.465	1.457	0.5	97	0.00
64	M	Chlorobenzene	1.112	1.018	8.5	91	0.00
65		1,1,1,2-Tetrachloroethane	0.403	0.360	10.7	86	0.00
66	M	Ethyl Benzene	1.939	1.710	11.8	90	0.00
67	M	m/p-Xylenes	0.728	0.661	9.2	89	0.00
68	M	o-Xylene	0.693	0.613	11.5	89	0.00
69	M	Styrene	1.171	1.036	11.5	87	0.00
70		Isopropylbenzene	1.740	1.582	9.1	92	0.00
71	M	1,1,2,2-Tetrachloroethane	0.617	0.501	18.8	81	0.00
72		1,2,3-Trichloropropane	0.525	0.424	19.2	85	0.00
73		Bromobenzene	0.430	0.378	12.1	86	0.00
74		n-propylbenzene	2.168	1.922	11.3	89	0.00
75		2-Chlorotoluene	1.306	1.171	10.3	90	0.00
76		1,3,5-Trimethylbenzene	1.485	1.346	9.4	90	0.00
77		t-1,4-Dichloro-2-butene	0.215	0.106	50.7#	53	0.00
78		4-Chlorotoluene	1.328	1.177	11.4	89	0.00
79		tert-butylbenzene	1.214	1.090	10.2	94	0.00
80		1,2,4-Trimethylbenzene	1.478	1.348	8.8	91	0.00
81		sec-Butylbenzene	1.753	1.579	9.9	93	0.00
82		p-Isopropyltoluene	1.444	1.292	10.5	95	0.00
83	M	1,3-Dichlorobenzene	0.802	0.714	11.0	88	0.00
84	M	1,4-Dichlorobenzene	0.776	0.695	10.4	93	0.00
85		n-Butylbenzene	1.247	1.124	9.9	99	0.00
86	T	Hexachloroethane	0.310	0.247	20.3	79	0.00
87	M	1,2-Dichlorobenzene	0.762	0.680	10.8	89	0.00
88		1,2-Dibromo-3-Chloropropane	0.113	0.081	28.3#	73	0.00
89		1,2,4-Trichlorobenzene	0.361	0.311	13.9	91	0.00
90		Hexachlorobutadiene	0.180	0.156	13.3	88	0.00
91	M	Naphthalene	1.159	0.880	24.1	85	0.00
92		1,2,3-Trichlorobenzene	0.361	0.311	13.9	91	0.00

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