Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121624\
Data File : VN085216.D
Acq On : 16 Dec 2024 16:33
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Dec 17 02:01:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 06 22:50:42 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	94	0.00
2	M	Dichlorodifluoromethane	2.400	2.542	-5.9	97	0.00
3	M	Chloromethane	2.124	2.194	-3.3	98	0.00
4	M	Vinyl Chloride	2.173	2.299	-5.8	101	0.00
5	M	Bromomethane	1.380	1.295	6.2	91	0.00
6	M	Chloroethane	1.335	1.435	-7.5	104	0.00
7	M	Trichlorofluoromethane	3.557	3.621	-1.8	98	0.00
8	T	Diethyl Ether	1.127	1.141	-1.2	102	0.00
9		1,1,2-Trichlorotrifluoroeth	1.989	2.079	-4.5	101	0.00
10	M	1,1-Dichloroethene	1.827	1.851	-1.3	99	0.00
11		Methyl Iodide	2.534	2.053	19.0	82	0.00
12		Methyl Acetate	2.155	2.321	-7.7	106	0.00
13	M	Acrolein	0.313	0.345	-10.2	127	0.00
14	M	Acrylonitrile	0.895	0.922	-3.0	104	0.00
15	M	Acetone	0.243	0.286	-17.7	118	0.00
16	M	Carbon Disulfide	5.461	5.430	0.6	95	0.00
17		Allyl chloride	2.614	2.547	2.6	100	0.00
18	M	Methylene Chloride	2.073	1.985	4.2	93	0.00
19	M	trans-1,2-Dichloroethene	1.899	1.907	-0.4	100	0.00
20	T	Diisopropyl ether	5.737	5.749	-0.2	95	0.00
21	M	1,1-Dichloroethane	3.541	3.573	-0.9	98	0.00
22	M	cis-1,2-Dichloroethene	2.183	2.196	-0.6	97	0.00
23	M	tert-Butyl Alcohol	0.321	0.319	0.6	102	0.00
24	M	Methyl tert-Butyl Ether	5.708	5.892	-3.2	101	0.00
25	M	Chloroform	3.710	3.818	-2.9	99	0.00
26		Cyclohexane	2.916	2.845	2.4	91	0.00
27	s	1,2-Dichloroethane-d4	2.380	2.419	-1.6	95	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29		1,1-Dichloropropene	0.484	0.483	0.2	98	0.00
30	M	2-Butanone	0.222	0.233	-5.0	105	0.00
31		2,2-Dichloropropane	0.621	0.621	0.0	100	0.00
32	M	1,1,1-Trichloroethane	0.655	0.667	-1.8	98	0.00
33	M	Carbon Tetrachloride	0.591	0.590	0.2	98	0.00
34	M	Benzene	1.521	1.495	1.7	97	0.00
35		Methacrylonitrile	0.250	0.233	6.8	91	0.00
36	M	1,2-Dichloroethane	0.518	0.508	1.9	98	0.00
37	M	Trichloroethene	0.362	0.357	1.4	98	0.00
38		Methylcyclohexane	0.526	0.503	4.4	102	0.00
39	M	1,2-Dichloropropane	0.368	0.358	2.7	95	0.00
40		Dibromomethane	0.264	0.267	-1.1	98	0.00
41	M	Bromodichloromethane	0.565	0.559	1.1	98	0.00
42	M	Vinyl Acetate	0.777	0.797	-2.6	104	0.00
43		Ethyl Acetate	0.442	0.449	-1.6	108	0.00
44		Isopropyl Acetate	0.768	0.789	-2.7	103	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	99	0.00
46		Methyl methacrylate	0.352	0.365	-3.7	104	0.00
47		n-amyl Acetate	0.646	0.644	0.3	102	0.00
48	M	t-1,3-Dichloropropene	0.554	0.539	2.7	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.604	0.579	4.1	96	0.00
50	M	1,1,2-Trichloroethane	0.356	0.358	-0.6	98	0.00
51		Ethyl methacrylate	0.542	0.536	1.1	103	0.00
52		1,3-Dichloropropane	0.596	0.598	-0.3	100	0.00
53	M	Dibromochloromethane	0.434	0.437	-0.7	100	0.00
54	M	1,2-Dibromoethane	0.359	0.359	0.0	101	0.00
55	M	2-Chloroethyl vinyl ether	0.252	0.241	4.4	95	0.00
56	M	Bromoform	0.291	0.286	1.7	102	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	0.490	0.496	-1.2	97	0.00
59	M	2-Hexanone	0.371	0.371	0.0	95	0.00
60	S	4-Bromofluorobenzene	0.496	0.502	-1.2	98	0.00
61	M	Tetrachloroethene	0.363	0.364	-0.3	98	0.00
62	M	Toluene	1.750	1.715	2.0	96	0.00
63	S	Toluene-d8	1.407	1.395	0.9	93	0.00
64	M	Chlorobenzene	1.080	1.100	-1.9	100	0.00
65		1,1,1,2-Tetrachloroethane	0.403	0.400	0.7	100	0.00
66	M	Ethyl Benzene	1.857	1.856	0.1	103	0.00
67	M	m/p-Xylenes	0.714	0.728	-2.0	98	0.00
68	M	o-Xylene	0.671	0.684	-1.9	102	0.00
69	M	Styrene	1.138	1.149	-1.0	101	0.00
70		Isopropylbenzene	1.730	1.742	-0.7	101	0.00
71	M	1,1,2,2-Tetrachloroethane	0.526	0.537	-2.1	97	0.00
72		1,2,3-Trichloropropane	0.520	0.497	4.4	90	0.00
73		Bromobenzene	0.433	0.445	-2.8	102	0.00
74		n-propylbenzene	2.079	2.096	-0.8	100	0.00
75		2-Chlorotoluene	1.286	1.290	-0.3	98	0.00
76		1,3,5-Trimethylbenzene	1.482	1.515	-2.2	101	0.00
77		t-1,4-Dichloro-2-butene	0.189	0.178	5.8	96	0.00
78		4-Chlorotoluene	1.305	1.313	-0.6	100	0.00
79		tert-butylbenzene	1.217	1.212	0.4	99	0.00
80		1,2,4-Trimethylbenzene	1.464	1.522	-4.0	103	0.00
81		sec-Butylbenzene	1.729	1.739	-0.6	100	0.00
82		p-Isopropyltoluene	1.434	1.465	-2.2	103	0.00
83	M	1,3-Dichlorobenzene	0.795	0.800	-0.6	101	0.00
84	M	1,4-Dichlorobenzene	0.775	0.796	-2.7	103	0.00
85		n-Butylbenzene	1.203	1.189	1.2	105	0.00
86	T	Hexachloroethane	0.285	0.297	-4.2	104	0.00
87	M	1,2-Dichlorobenzene	0.750	0.765	-2.0	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.105	0.105	0.0	98	0.00
89		1,2,4-Trichlorobenzene	0.367	0.358	2.5	101	0.00
90		Hexachlorobutadiene	0.191	0.187	2.1	98	0.00
91	M	Naphthalene	1.142	1.106	3.2	110	0.00
92		1,2,3-Trichlorobenzene	0.367	0.358	2.5	101	0.00

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