Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
Data File : VN085123.D
Acq On : 06 Dec 2024 12:28
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

Quant Time: Dec 06 23:06:11 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	110	0.00
2	M	Dichlorodifluoromethane	2.400	2.657	-10.7	118	0.00
3	M	Chloromethane	2.124	2.368	-11.5	124	0.00
4	M	Vinyl Chloride	2.173	2.339	-7.6	120	0.00
5	M	Bromomethane	1.380	1.647	-19.3	136	0.00
6	M	Chloroethane	1.335	1.490	-11.6	126	0.00
7	M	Trichlorofluoromethane	3.557	3.860	-8.5	122	0.00
8	T	Diethyl Ether	1.127	1.259	-11.7	132	0.00
9		1,1,2-Trichlorotrifluoroeth	1.989	2.199	-10.6	125	0.00
10	M	1,1-Dichloroethene	1.827	2.002	-9.6	125	0.00
11		Methyl Iodide	2.534	2.773	-9.4	130	0.00
12		Methyl Acetate	2.155	2.358	-9.4	126	0.00
13	M	Acrolein	0.313	0.261	16.6	112	0.00
14	M	Acrylonitrile	0.895	0.979	-9.4	128	0.00
15	M	Acetone	0.243	0.255	-4.9	122	0.00
16	M	Carbon Disulfide	5.461	6.026	-10.3	123	0.00
17		Allyl chloride	2.614	2.861	-9.4	131	0.00
18	M	Methylene Chloride	2.073	2.170	-4.7	118	0.01
19	M	trans-1,2-Dichloroethene	1.899	2.076	-9.3	127	0.00
20	T	Diisopropyl ether	5.737	6.269	-9.3	121	0.00
21	M	1,1-Dichloroethane	3.541	3.862	-9.1	124	0.00
22	M	cis-1,2-Dichloroethene	2.183	2.482	-13.7	128	0.00
23	M	tert-Butyl Alcohol	0.321	0.359	-11.8	134	0.00
24	M	Methyl tert-Butyl Ether	5.708	6.351	-11.3	128	0.00
25	M	Chloroform	3.710	4.019	-8.3	121	0.00
26		Cyclohexane	2.916	3.288	-12.8	123	0.00
27	s	1,2-Dichloroethane-d4	2.380	2.340	1.7	107	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
29		1,1-Dichloropropene	0.484	0.529	-9.3	125	0.00
30	M	2-Butanone	0.222	0.238	-7.2	125	0.00
31		2,2-Dichloropropane	0.621	0.667	-7.4	126	0.00
32	M	1,1,1-Trichloroethane	0.655	0.697	-6.4	120	0.00
33	M	Carbon Tetrachloride	0.591	0.617	-4.4	120	0.00
34	M	Benzene	1.521	1.609	-5.8	123	0.00
35		Methacrylonitrile	0.250	0.281	-12.4	128	0.00
36	M	1,2-Dichloroethane	0.518	0.557	-7.5	126	0.00
37	M	Trichloroethene	0.362	0.390	-7.7	125	0.00
38		Methylcyclohexane	0.526	0.580	-10.3	138	0.00
39	M	1,2-Dichloropropane	0.368	0.384	-4.3	119	0.00
40		Dibromomethane	0.264	0.279	-5.7	120	0.00
41	M	Bromodichloromethane	0.565	0.596	-5.5	123	0.00
42	M	Vinyl Acetate	0.777	0.896	-15.3	137	0.00
43		Ethyl Acetate	0.442	0.504	-14.0	143	0.00
44		Isopropyl Acetate	0.768	0.836	-8.9	128	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	124	0.00
46		Methyl methacrylate	0.352	0.387	-9.9	129	0.00
47		n-amyl Acetate	0.646	0.708	-9.6	131	0.00
48	M	t-1,3-Dichloropropene	0.554	0.587	-6.0	130	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.604	0.644	-6.6	125	0.00
50	M	1,1,2-Trichloroethane	0.356	0.382	-7.3	123	0.00
51		Ethyl methacrylate	0.542	0.599	-10.5	135	0.00
52		1,3-Dichloropropane	0.596	0.640	-7.4	125	0.00
53	M	Dibromochloromethane	0.434	0.449	-3.5	121	0.00
54	M	1,2-Dibromoethane	0.359	0.384	-7.0	126	0.00
55	M	2-Chloroethyl vinyl ether	0.252	0.195	22.6	90	0.00
56	M	Bromoform	0.291	0.299	-2.7	125	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58	M	4-Methyl-2-Pentanone	0.490	0.547	-11.6	122	0.00
59	M	2-Hexanone	0.371	0.418	-12.7	123	0.00
60	S	4-Bromofluorobenzene	0.496	0.512	-3.2	114	0.00
61	M	Tetrachloroethene	0.363	0.405	-11.6	125	0.00
62	M	Toluene	1.750	1.922	-9.8	124	0.00
63	S	Toluene-d8	1.407	1.422	-1.1	109	0.00
64	M	Chlorobenzene	1.080	1.194	-10.6	125	0.00
65		1,1,1,2-Tetrachloroethane	0.403	0.438	-8.7	126	0.00
66	M	Ethyl Benzene	1.857	2.070	-11.5	131	0.00
67	M	m/p-Xylenes	0.714	0.819	-14.7	127	0.00
68	M	o-Xylene	0.671	0.754	-12.4	129	0.00
69	M	Styrene	1.138	1.298	-14.1	131	0.00
70		Isopropylbenzene	1.730	1.949	-12.7	130	0.00
71	M	1,1,2,2-Tetrachloroethane	0.526	0.585	-11.2	121	0.00
72		1,2,3-Trichloropropane	0.520	0.610	-17.3	126	0.00
73		Bromobenzene	0.433	0.482	-11.3	127	0.00
74		n-propylbenzene	2.079	2.336	-12.4	128	0.00
75		2-Chlorotoluene	1.286	1.443	-12.2	125	0.00
76		1,3,5-Trimethylbenzene	1.482	1.693	-14.2	130	0.00
77		t-1,4-Dichloro-2-butene	0.189	0.203	-7.4	126	0.00
78		4-Chlorotoluene	1.305	1.465	-12.3	128	0.00
79		tert-butylbenzene	1.217	1.368	-12.4	129	0.00
80		1,2,4-Trimethylbenzene	1.464	1.683	-15.0	130	0.00
81		sec-Butylbenzene	1.729	1.982	-14.6	131	0.00
82		p-Isopropyltoluene	1.434	1.627	-13.5	131	0.00
83	M	1,3-Dichlorobenzene	0.795	0.865	-8.8	125	0.00
84	M	1,4-Dichlorobenzene	0.775	0.877	-13.2	131	0.00
85		n-Butylbenzene	1.203	1.330	-10.6	135	0.00
86	T	Hexachloroethane	0.285	0.309	-8.4	124	0.00
87	M	1,2-Dichlorobenzene	0.750	0.826	-10.1	126	0.00
88		1,2-Dibromo-3-Chloropropane	0.105	0.116	-10.5	124	0.00
89		1,2,4-Trichlorobenzene	0.367	0.423	-15.3	137	0.00
90		Hexachlorobutadiene	0.191	0.221	-15.7	133	0.00
91	M	Naphthalene	1.142	1.306	-14.4	149	0.00
92		1,2,3-Trichlorobenzene	0.367	0.423	-15.3	137	0.00

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