Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
Data File : VN084078.D
Acq On : 20 Sep 2024 18:22
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 20 23:30:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 06 23:42:47 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	86	0.00
2	M	Dichlorodifluoromethane	2.009	1.955	2.7	85	0.00
3	M	Chloromethane	2.087	2.091	-0.2	88	0.00
4	M	Vinyl Chloride	2.146	2.102	2.1	87	0.00
5	M	Bromomethane	1.199	1.288	-7.4	93	0.05
6	M	Chloroethane	1.437	1.385	3.6	87	0.04
7	M	Trichlorofluoromethane	3.598	3.450	4.1	86	0.03
8	T	Diethyl Ether	1.222	1.115	8.8	81	0.01
9		1,1,2-Trichlorotrifluoroeth	1.932	1.808	6.4	85	0.01
10	M	1,1-Dichloroethene	1.865	1.669	10.5	81	0.02
11		Methyl Iodide	2.533	2.196	13.3	78	0.00
12		Methyl Acetate	2.249	2.598	-15.5	108	0.00
13	M	Acrolein	0.328	0.332	-1.2	82	0.00
14	M	Acrylonitrile	0.910	0.990	-8.8	98	0.01
15	M	Acetone	0.302	0.258	14.6	82	0.00
16	M	Carbon Disulfide	5.269	4.789	9.1	81	0.01
17		Allyl chloride	3.270	2.855	12.7	79	0.01
18	M	Methylene Chloride	2.040	2.054	-0.7	90	0.01
19	M	trans-1,2-Dichloroethene	1.932	1.796	7.0	82	0.01
20	T	Diisopropyl ether	6.603	6.662	-0.9	94	0.00
21	M	1,1-Dichloroethane	3.770	3.777	-0.2	90	0.00
22	M	cis-1,2-Dichloroethene	2.352	2.221	5.6	84	0.00
23	M	tert-Butyl Alcohol	0.334	0.374	-12.0	98	-0.01
24	M	Methyl tert-Butyl Ether	6.626	6.344	4.3	85	0.00
25	M	Chloroform	3.995	3.938	1.4	88	0.00
26		Cyclohexane	3.320	3.009	9.4	82	0.00
27	s	1,2-Dichloroethane-d4	2.742	2.790	-1.8	87	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
29		1,1-Dichloropropene	0.476	0.466	2.1	84	0.00
30	M	2-Butanone	0.224	0.252	-12.5	97	0.00
31		2,2-Dichloropropane	0.607	0.482	20.6	69	0.00
32	M	1,1,1-Trichloroethane	0.635	0.639	-0.6	86	0.00
33	M	Carbon Tetrachloride	0.550	0.549	0.2	87	0.00
34	M	Benzene	1.428	1.480	-3.6	87	0.00
35		Methacrylonitrile	0.252	0.287	-13.9	95	0.00
36	M	1,2-Dichloroethane	0.537	0.560	-4.3	89	0.00
37	M	Trichloroethene	0.335	0.339	-1.2	89	0.00
38		Methylcyclohexane	0.570	0.478	16.1	74	0.00
39	M	1,2-Dichloropropane	0.344	0.374	-8.7	93	0.00
40		Dibromomethane	0.251	0.266	-6.0	88	0.00
41	M	Bromodichloromethane	0.534	0.585	-9.6	95	0.00
42	M	Vinyl Acetate	0.922	0.898	2.6	90	0.00
43		Ethyl Acetate	0.451	0.463	-2.7	87	0.00
44		Isopropyl Acetate	0.781	1.179	-51.0#	130	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	95	0.00
46		Methyl methacrylate	0.378	0.404	-6.9	94	0.00
47		n-amyl Acetate	0.692	0.783	-13.2	99	0.00
48	M	t-1,3-Dichloropropene	0.562	0.530	5.7	82	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	0.584	0.564	3.4	85	0.00
50	M	1,1,2-Trichloroethane	0.320	0.356	-11.2	95	0.00
51		Ethyl methacrylate	0.546	0.549	-0.5	84	0.00
52		1,3-Dichloropropane	0.577	0.603	-4.5	89	0.00
53	M	Dibromochloromethane	0.383	0.403	-5.2	93	0.00
54	M	1,2-Dibromoethane	0.331	0.340	-2.7	89	0.00
55	M	2-Chloroethyl vinyl ether	0.218	0.241	-10.6	85	0.00
56	M	Bromoform	0.244	0.262	-7.4	95	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
58	M	4-Methyl-2-Pentanone	0.476	0.594	-24.8	105	0.00
59	M	2-Hexanone	0.359	0.430	-19.8	102	0.00
60	S	4-Bromofluorobenzene	0.517	0.510	1.4	82	0.00
61	M	Tetrachloroethene	0.317	0.322	-1.6	89	0.00
62	M	Toluene	1.724	1.771	-2.7	87	0.00
63	S	Toluene-d8	1.389	1.458	-5.0	85	0.00
64	M	Chlorobenzene	1.068	1.079	-1.0	86	0.00
65		1,1,1,2-Tetrachloroethane	0.372	0.387	-4.0	90	0.00
66	M	Ethyl Benzene	1.961	1.872	4.5	84	0.00
67	M	m/p-Xylenes	0.721	0.703	2.5	84	0.00
68	M	o-Xylene	0.698	0.675	3.3	82	0.00
69	M	Styrene	1.180	1.164	1.4	85	0.00
70		Isopropylbenzene	1.843	1.751	5.0	83	0.00
71	M	1,1,2,2-Tetrachloroethane	0.503	0.582	-15.7	97	0.00
72		1,2,3-Trichloropropane	0.441	0.501	-13.6	96	0.00
73		Bromobenzene	0.423	0.414	2.1	84	0.00
74		n-propylbenzene	2.157	2.074	3.8	84	0.00
75		2-Chlorotoluene	1.346	1.306	3.0	84	0.00
76		1,3,5-Trimethylbenzene	1.539	1.505	2.2	84	0.00
77		t-1,4-Dichloro-2-butene	0.187	0.178	4.8	84	0.00
78		4-Chlorotoluene	1.365	1.310	4.0	84	0.00
79		tert-butylbenzene	1.346	1.249	7.2	79	0.00
80		1,2,4-Trimethylbenzene	1.555	1.496	3.8	84	0.00
81		sec-Butylbenzene	1.839	1.772	3.6	86	0.00
82		p-Isopropyltoluene	1.547	1.411	8.8	81	0.00
83	M	1,3-Dichlorobenzene	0.815	0.778	4.5	83	0.00
84	M	1,4-Dichlorobenzene	0.814	0.750	7.9	80	0.00
85		n-Butylbenzene	1.365	1.198	12.2	80	0.00
86	T	Hexachloroethane	0.293	0.277	5.5	84	0.00
87	M	1,2-Dichlorobenzene	0.791	0.746	5.7	83	0.00
88		1,2-Dibromo-3-Chloropropane	0.111	0.122	-9.9	95	0.00
89		1,2,4-Trichlorobenzene	0.433	0.351	18.9	71	0.00
90		Hexachlorobutadiene	0.179	0.165	7.8	83	0.00
91	M	Naphthalene	1.416	1.121	20.8	70	0.00
92		1,2,3-Trichlorobenzene	0.433	0.351	18.9	71	0.00

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