Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083704.D
Acq On : 06 Sep 2024 18:24
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 06 23:50:37 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	92	0.00
2	M	Dichlorodifluoromethane	2.009	1.996	0.6	92	0.00
3	M	Chloromethane	2.087	2.256	-8.1	101	0.00
4	M	Vinyl Chloride	2.146	2.223	-3.6	97	0.00
5	M	Bromomethane	1.199	1.195	0.3	92	0.00
6	M	Chloroethane	1.437	1.695	-18.0	113	0.00
7	M	Trichlorofluoromethane	3.598	3.722	-3.4	99	0.00
8	T	Diethyl Ether	1.222	1.372	-12.3	106	0.00
9		1,1,2-Trichlorotrifluoroeth	1.932	1.957	-1.3	98	0.00
10	M	1,1-Dichloroethene	1.865	1.891	-1.4	98	0.00
11		Methyl Iodide	2.533	1.963	22.5	74	0.00
12		Methyl Acetate	2.249	2.535	-12.7	113	0.00
13	M	Acrolein	0.328	0.366	-11.6	96	0.00
14	M	Acrylonitrile	0.910	1.014	-11.4	107	0.00
15	M	Acetone	0.302	0.274	9.3	93	0.00
16	M	Carbon Disulfide	5.269	5.158	2.1	93	0.00
17		Allyl chloride	3.270	3.393	-3.8	100	0.00
18	M	Methylene Chloride	2.040	2.389	-17.1	111	0.01
19	M	trans-1,2-Dichloroethene	1.932	1.909	1.2	93	0.00
20	T	Diisopropyl ether	6.603	7.193	-8.9	107	0.00
21	M	1,1-Dichloroethane	3.770	4.042	-7.2	103	0.00
22	M	cis-1,2-Dichloroethene	2.352	2.416	-2.7	97	0.00
23	M	tert-Butyl Alcohol	0.334	0.371	-11.1	104	0.00
24	M	Methyl tert-Butyl Ether	6.626	7.124	-7.5	101	0.00
25	M	Chloroform	3.995	4.273	-7.0	101	0.00
26		Cyclohexane	3.320	3.242	2.3	94	0.00
27	s	1,2-Dichloroethane-d4	2.742	2.836	-3.4	94	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29		1,1-Dichloropropene	0.476	0.474	0.4	96	0.00
30	M	2-Butanone	0.224	0.235	-4.9	103	0.00
31		2,2-Dichloropropane	0.607	0.578	4.8	93	0.00
32	M	1,1,1-Trichloroethane	0.635	0.658	-3.6	100	0.00
33	M	Carbon Tetrachloride	0.550	0.560	-1.8	100	0.00
34	M	Benzene	1.428	1.511	-5.8	100	0.00
35		Methacrylonitrile	0.252	0.260	-3.2	97	0.00
36	M	1,2-Dichloroethane	0.537	0.577	-7.4	103	0.00
37	M	Trichloroethene	0.335	0.338	-0.9	99	0.00
38		Methylcyclohexane	0.570	0.549	3.7	95	0.00
39	M	1,2-Dichloropropane	0.344	0.366	-6.4	103	0.00
40		Dibromomethane	0.251	0.272	-8.4	102	0.00
41	M	Bromodichloromethane	0.534	0.565	-5.8	104	0.00
42	M	Vinyl Acetate	0.922	0.891	3.4	100	0.00
43		Ethyl Acetate	0.451	0.469	-4.0	99	0.00
44		Isopropyl Acetate	0.781	0.870	-11.4	108	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	98	0.00
46		Methyl methacrylate	0.378	0.404	-6.9	106	0.00
47		n-amyl Acetate	0.692	0.764	-10.4	109	0.00
48	M	t-1,3-Dichloropropene	0.562	0.546	2.8	95	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.584	0.583	0.2	99	0.00
50	M	1,1,2-Trichloroethane	0.320	0.350	-9.4	106	0.00
51		Ethyl methacrylate	0.546	0.576	-5.5	100	0.00
52		1,3-Dichloropropane	0.577	0.608	-5.4	101	0.00
53	M	Dibromochloromethane	0.383	0.386	-0.8	100	0.00
54	M	1,2-Dibromoethane	0.331	0.350	-5.7	103	0.00
55	M	2-Chloroethyl vinyl ether	0.218	0.234	-7.3	93	0.00
56	M	Bromoform	0.244	0.236	3.3	96	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58	M	4-Methyl-2-Pentanone	0.476	0.547	-14.9	108	0.00
59	M	2-Hexanone	0.359	0.401	-11.7	107	0.00
60	S	4-Bromofluorobenzene	0.517	0.521	-0.8	94	0.00
61	M	Tetrachloroethene	0.317	0.323	-1.9	100	0.00
62	M	Toluene	1.724	1.826	-5.9	101	0.00
63	S	Toluene-d8	1.389	1.405	-1.2	92	0.00
64	M	Chlorobenzene	1.068	1.083	-1.4	97	0.00
65		1,1,1,2-Tetrachloroethane	0.372	0.389	-4.6	101	0.00
66	M	Ethyl Benzene	1.961	1.999	-1.9	100	0.00
67	M	m/p-Xylenes	0.721	0.739	-2.5	99	0.00
68	M	o-Xylene	0.698	0.724	-3.7	98	0.00
69	M	Styrene	1.180	1.192	-1.0	98	0.00
70		Isopropylbenzene	1.843	1.866	-1.2	99	0.00
71	M	1,1,2,2-Tetrachloroethane	0.503	0.557	-10.7	104	0.00
72		1,2,3-Trichloropropane	0.441	0.478	-8.4	102	0.00
73		Bromobenzene	0.423	0.428	-1.2	98	0.00
74		n-propylbenzene	2.157	2.118	1.8	96	0.00
75		2-Chlorotoluene	1.346	1.368	-1.6	98	0.00
76		1,3,5-Trimethylbenzene	1.539	1.604	-4.2	100	0.00
77		t-1,4-Dichloro-2-butene	0.187	0.126	32.6#	67	0.00
78		4-Chlorotoluene	1.365	1.364	0.1	98	0.00
79		tert-butylbenzene	1.346	1.423	-5.7	100	0.00
80		1,2,4-Trimethylbenzene	1.555	1.613	-3.7	101	0.00
81		sec-Butylbenzene	1.839	1.842	-0.2	100	0.00
82		p-Isopropyltoluene	1.547	1.546	0.1	100	0.00
83	M	1,3-Dichlorobenzene	0.815	0.791	2.9	95	0.00
84	M	1,4-Dichlorobenzene	0.814	0.777	4.5	93	0.00
85		n-Butylbenzene	1.365	1.281	6.2	96	0.00
86	T	Hexachloroethane	0.293	0.291	0.7	99	0.00
87	M	1,2-Dichlorobenzene	0.791	0.795	-0.5	99	0.00
88		1,2-Dibromo-3-Chloropropane	0.111	0.114	-2.7	99	0.00
89		1,2,4-Trichlorobenzene	0.433	0.399	7.9	91	0.00
90		Hexachlorobutadiene	0.179	0.165	7.8	94	0.00
91	M	Naphthalene	1.416	1.337	5.6	93	0.00
92		1,2,3-Trichlorobenzene	0.433	0.399	7.9	91	0.00

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