Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092624\
Data File : VN084194.D
Acq On : 26 Sep 2024 22:16
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 27 01:16:22 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	90	0.00
2	M	Dichlorodifluoromethane	2.009	1.690	15.9	77	0.00
3	M	Chloromethane	2.087	2.081	0.3	91	0.00
4	M	Vinyl Chloride	2.146	1.998	6.9	86	0.00
5	M	Bromomethane	1.199	1.269	-5.8	96	0.05
6	M	Chloroethane	1.437	1.368	4.8	90	0.04
7	M	Trichlorofluoromethane	3.598	3.182	11.6	83	0.04
8	T	Diethyl Ether	1.222	1.099	10.1	83	0.01
9		1,1,2-Trichlorotrifluoroeth	1.932	1.758	9.0	86	0.02
10	M	1,1-Dichloroethene	1.865	1.701	8.8	86	0.02
11		Methyl Iodide	2.533	2.206	12.9	82	0.00
12		Methyl Acetate	2.249	2.674	-18.9	116	0.00
13	M	Acrolein	0.328	0.345	-5.2	89	0.00
14	M	Acrylonitrile	0.910	1.008	-10.8	104	0.00
15	M	Acetone	0.302	0.276	8.6	91	0.00
16	M	Carbon Disulfide	5.269	4.698	10.8	83	0.02
17		Allyl chloride	3.270	2.766	15.4	80	0.01
18	M	Methylene Chloride	2.040	2.065	-1.2	94	0.02
19	M	trans-1,2-Dichloroethene	1.932	1.813	6.2	86	0.02
20	T	Diisopropyl ether	6.603	6.602	0.0	97	0.00
21	M	1,1-Dichloroethane	3.770	3.739	0.8	93	0.00
22	M	cis-1,2-Dichloroethene	2.352	2.207	6.2	87	0.00
23	M	tert-Butyl Alcohol	0.334	0.373	-11.7	102	-0.02
24	M	Methyl tert-Butyl Ether	6.626	6.054	8.6	85	0.01
25	M	Chloroform	3.995	3.960	0.9	92	0.00
26		Cyclohexane	3.320	2.690	19.0	76	0.00
27	s	1,2-Dichloroethane-d4	2.742	2.544	7.2	83	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
29		1,1-Dichloropropene	0.476	0.484	-1.7	85	0.00
30	M	2-Butanone	0.224	0.260	-16.1	98	0.00
31		2,2-Dichloropropane	0.607	0.518	14.7	72	0.00
32	M	1,1,1-Trichloroethane	0.635	0.644	-1.4	85	0.00
33	M	Carbon Tetrachloride	0.550	0.546	0.7	84	0.00
34	M	Benzene	1.428	1.569	-9.9	90	0.00
35		Methacrylonitrile	0.252	0.286	-13.5	92	0.00
36	M	1,2-Dichloroethane	0.537	0.566	-5.4	88	0.00
37	M	Trichloroethene	0.335	0.347	-3.6	89	0.00
38		Methylcyclohexane	0.570	0.474	16.8	71	0.00
39	M	1,2-Dichloropropane	0.344	0.403	-17.2	98	0.00
40		Dibromomethane	0.251	0.282	-12.4	91	0.00
41	M	Bromodichloromethane	0.534	0.596	-11.6	95	0.00
42	M	Vinyl Acetate	0.922	0.882	4.3	86	0.00
43		Ethyl Acetate	0.451	0.472	-4.7	87	0.00
44		Isopropyl Acetate	0.781	0.859	-10.0	92	0.00
45	T	1,4-Dioxane	0.006	0.008	-33.3#	102	0.00
46		Methyl methacrylate	0.378	0.397	-5.0	90	0.00
47		n-amyl Acetate	0.692	0.749	-8.2	92	0.00
48	M	t-1,3-Dichloropropene	0.562	0.542	3.6	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	0.604	-3.4	89	0.00
50	M	1,1,2-Trichloroethane	0.320	0.368	-15.0	96	0.00
51		Ethyl methacrylate	0.546	0.559	-2.4	84	0.00
52		1,3-Dichloropropane	0.577	0.651	-12.8	94	0.00
53	M	Dibromochloromethane	0.383	0.435	-13.6	97	0.00
54	M	1,2-Dibromoethane	0.331	0.368	-11.2	94	0.00
55	M	2-Chloroethyl vinyl ether	0.218	0.252	-15.6	87	0.00
56	M	Bromoform	0.244	0.271	-11.1	96	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
58	M	4-Methyl-2-Pentanone	0.476	0.578	-21.4	104	0.00
59	M	2-Hexanone	0.359	0.420	-17.0	101	0.00
60	S	4-Bromofluorobenzene	0.517	0.512	1.0	84	0.00
61	M	Tetrachloroethene	0.317	0.347	-9.5	98	0.00
62	M	Toluene	1.724	1.763	-2.3	88	0.00
63	S	Toluene-d8	1.389	1.448	-4.2	86	0.00
64	M	Chlorobenzene	1.068	1.073	-0.5	87	0.00
65		1,1,1,2-Tetrachloroethane	0.372	0.390	-4.8	92	0.00
66	M	Ethyl Benzene	1.961	1.826	6.9	83	0.00
67	M	m/p-Xylenes	0.721	0.704	2.4	86	0.00
68	M	o-Xylene	0.698	0.684	2.0	84	0.00
69	M	Styrene	1.180	1.163	1.4	87	0.00
70		Isopropylbenzene	1.843	1.717	6.8	83	0.00
71	M	1,1,2,2-Tetrachloroethane	0.503	0.578	-14.9	98	0.00
72		1,2,3-Trichloropropane	0.441	0.484	-9.8	94	0.00
73		Bromobenzene	0.423	0.425	-0.5	88	0.00
74		n-propylbenzene	2.157	2.060	4.5	85	0.00
75		2-Chlorotoluene	1.346	1.297	3.6	85	0.00
76		1,3,5-Trimethylbenzene	1.539	1.478	4.0	83	0.00
77		t-1,4-Dichloro-2-butene	0.187	0.182	2.7	88	0.00
78		4-Chlorotoluene	1.365	1.340	1.8	87	0.00
79		tert-butylbenzene	1.346	1.228	8.8	78	0.00
80		1,2,4-Trimethylbenzene	1.555	1.509	3.0	86	0.00
81		sec-Butylbenzene	1.839	1.710	7.0	84	0.00
82		p-Isopropyltoluene	1.547	1.377	11.0	80	0.00
83	M	1,3-Dichlorobenzene	0.815	0.777	4.7	84	0.00
84	M	1,4-Dichlorobenzene	0.814	0.757	7.0	82	0.00
85		n-Butylbenzene	1.365	1.128	17.4	77	0.00
86	T	Hexachloroethane	0.293	0.280	4.4	86	0.00
87	M	1,2-Dichlorobenzene	0.791	0.769	2.8	87	0.00
88		1,2-Dibromo-3-Chloropropane	0.111	0.112	-0.9	89	0.00
89		1,2,4-Trichlorobenzene	0.433	0.345	20.3	71	0.00
90		Hexachlorobutadiene	0.179	0.158	11.7	81	0.00
91	M	Naphthalene	1.416	1.073	24.2	68	0.00
92		1,2,3-Trichlorobenzene	0.433	0.345	20.3	71	0.00

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