Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
Data File : VN079187.D
Acq On : 07 Sep 2023 20:32
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 08 05:46:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 08 05:09:17 2023
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	91	0.00
2	M	Dichlorodifluoromethane	1.673	1.601	4.3	93	0.00
3	M	Chloromethane	1.678	1.425	15.1	81	0.00
4	M	Vinyl Chloride	1.660	1.518	8.6	88	0.00
5	M	Bromomethane	1.019	0.817	19.8	80	0.00
6	M	Chloroethane	1.017	0.994	2.3	95	0.00
7	M	Trichlorofluoromethane	1.976	2.119	-7.2	104	0.00
8	T	Diethyl Ether	0.725	1.099	-51.6#	140	0.00
9		1,1,2-Trichlorotrifluoroeth	1.089	1.519	-39.5#	131	0.00
10	M	1,1-Dichloroethene	1.055	1.547	-46.6#	133	0.00
11		Methyl Iodide	1.329	1.584	-19.2	113	0.00
12		Methyl Acetate	2.459	3.581	-45.6#	141	0.00
13	M	Acrolein	0.224	0.134	40.2#	53	0.00
14	M	Acrylonitrile	0.721	1.004	-39.3#	133	0.00
15	M	Acetone	0.188	0.269	-43.1#	132	0.00
16	M	Carbon Disulfide	3.118	4.394	-40.9#	133	0.00
17		Allyl chloride	1.696	2.299	-35.6#	121	0.01
18	M	Methylene Chloride	1.415	2.007	-41.8#	136	0.00
19	M	trans-1,2-Dichloroethene	1.320	1.763	-33.6#	124	0.00
20	T	Diisopropyl ether	5.062	5.614	-10.9	86	0.00
21	M	1,1-Dichloroethane	2.965	3.361	-13.4	91	0.00
22	M	cis-1,2-Dichloroethene	2.065	1.991	3.6	86	0.00
23	M	tert-Butyl Alcohol	0.278	0.366	-31.7#	129	0.01
24	M	Methyl tert-Butyl Ether	4.165	5.342	-28.3#	118	0.00
25	M	Chloroform	3.576	3.402	4.9	90	0.00
26		Cyclohexane	2.689	2.531	5.9	88	0.00
27	s	1,2-Dichloroethane-d4	2.254	2.159	4.2	90	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29		1,1-Dichloropropene	0.481	0.462	4.0	91	0.00
30	M	2-Butanone	0.242	0.242	0.0	88	0.00
31		2,2-Dichloropropane	0.480	0.390	18.7	72	0.00
32	M	1,1,1-Trichloroethane	0.567	0.548	3.4	91	0.00
33	M	Carbon Tetrachloride	0.487	0.477	2.1	93	0.00
34	M	Benzene	1.528	1.461	4.4	90	0.00
35		Methacrylonitrile	0.260	0.262	-0.8	91	0.00
36	M	1,2-Dichloroethane	0.504	0.464	7.9	90	0.00
37	M	Trichloroethene	0.361	0.341	5.5	93	0.00
38		Methylcyclohexane	0.481	0.445	7.5	87	0.00
39	M	1,2-Dichloropropane	0.394	0.381	3.3	91	0.00
40		Dibromomethane	0.260	0.254	2.3	93	0.00
41	M	Bromodichloromethane	0.518	0.509	1.7	93	0.00
42	M	Vinyl Acetate	0.575	0.640	-11.3	88	0.00
43		Ethyl Acetate	0.459	0.495	-7.8	90	0.00
44		Isopropyl Acetate	0.827	0.820	0.8	95	0.00
45	T	1,4-Dioxane	0.008	0.008	0.0	93	0.00
46		Methyl methacrylate	0.369	0.346	6.2	87	0.00
47		n-amyl Acetate	0.581	0.583	-0.3	99	0.00
48	M	t-1,3-Dichloropropene	0.561	0.501	10.7	86	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.585	0.559	4.4	93	0.00
50	M	1,1,2-Trichloroethane	0.365	0.359	1.6	92	0.00
51		Ethyl methacrylate	0.563	0.532	5.5	87	0.00
52		1,3-Dichloropropane	0.623	0.625	-0.3	91	0.00
53	M	Dibromochloromethane	0.383	0.375	2.1	93	0.00
54	M	1,2-Dibromoethane	0.370	0.355	4.1	89	0.00
55	M	2-Chloroethyl vinyl ether	0.200	0.147	26.5#	70	0.00
56	M	Bromoform	0.267	0.259	3.0	96	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58	M	4-Methyl-2-Pentanone	0.551	0.549	0.4	92	0.00
59	M	2-Hexanone	0.387	0.395	-2.1	90	0.00
60	S	4-Bromofluorobenzene	0.442	0.444	-0.5	87	0.00
61	M	Tetrachloroethene	0.326	0.317	2.8	88	0.00
62	M	Toluene	1.747	1.727	1.1	92	0.00
63	S	Toluene-d8	1.402	1.420	-1.3	91	0.00
64	M	Chlorobenzene	1.019	0.990	2.8	91	0.00
65		1,1,1,2-Tetrachloroethane	0.390	0.383	1.8	92	0.00
66	M	Ethyl Benzene	1.759	1.735	1.4	90	0.00
67	M	m/p-Xylenes	0.662	0.672	-1.5	91	0.00
68	M	o-Xylene	0.638	0.636	0.3	99	0.00
69	M	Styrene	1.018	1.053	-3.4	99	0.00
70		Isopropylbenzene	1.622	1.602	1.2	90	0.00
71	M	1,1,2,2-Tetrachloroethane	0.607	0.613	-1.0	95	0.00
72		1,2,3-Trichloropropane	0.511	0.498	2.5	95	0.00
73		Bromobenzene	0.405	0.391	3.5	88	0.00
74		n-propylbenzene	1.848	1.850	-0.1	89	0.00
75		2-Chlorotoluene	1.185	1.188	-0.3	91	0.00
76		1,3,5-Trimethylbenzene	1.341	1.353	-0.9	89	0.00
77		t-1,4-Dichloro-2-butene	0.180	0.158	12.2	79	0.00
78		4-Chlorotoluene	1.119	1.106	1.2	90	0.00
79		tert-butylbenzene	1.101	1.104	-0.3	86	0.00
80		1,2,4-Trimethylbenzene	1.281	1.313	-2.5	90	0.00
81		sec-Butylbenzene	1.506	1.529	-1.5	89	0.00
82		p-Isopropyltoluene	1.190	1.205	-1.3	88	0.00
83	M	1,3-Dichlorobenzene	0.644	0.642	0.3	88	0.00
84	M	1,4-Dichlorobenzene	0.604	0.603	0.2	87	0.00
85		n-Butylbenzene	0.906	0.855	5.6	82	0.00
86	T	Hexachloroethane	0.236	0.186	21.2	69	0.00
87	M	1,2-Dichlorobenzene	0.635	0.535	15.7	73	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.104	-1.0	89	0.00
89		1,2,4-Trichlorobenzene	0.272	0.251	7.7	86	0.00
90		Hexachlorobutadiene	0.165	0.160	3.0	93	0.00
91	M	Naphthalene	0.710	0.589	17.0	76	0.00
92		1,2,3-Trichlorobenzene	0.272	0.251	7.7	86	0.00

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