Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
Data File : VN079208.D
Acq On : 11 Sep 2023 09:58
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 12 02:42:54 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	63	0.00
2	M	Dichlorodifluoromethane	1.673	1.671	0.1	67	0.00
3	M	Chloromethane	1.678	2.129	-26.9#	84	0.00
4	M	Vinyl Chloride	1.660	2.531	-52.5#	102	0.00
5	M	Bromomethane	1.019	0.992	2.6	67	0.00
6	M	Chloroethane	1.017	1.797	-76.7#	119	0.00
7	M	Trichlorofluoromethane	1.976	3.819	-93.3#	130	0.00
8	T	Diethyl Ether	0.725	1.184	-63.3#	104	0.00
9		1,1,2-Trichlorotrifluoroeth	1.089	1.937	-77.9#	116	0.01
10	M	1,1-Dichloroethene	1.055	1.810	-71.6#	108	0.00
11		Methyl Iodide	1.329	1.102	17.1	54	0.00
12		Methyl Acetate	2.459	3.392	-37.9#	92	0.00
13	M	Acrolein	0.224	0.313	-39.7#	86	0.00
14	M	Acrylonitrile	0.721	0.911	-26.4#	84	0.00
15	M	Acetone	0.188	0.359	-91.0#	122	-0.01
16	M	Carbon Disulfide	3.118	4.957	-59.0#	104	0.00
17		Allyl chloride	1.696	2.449	-44.4#	89	0.00
18	M	Methylene Chloride	1.415	2.125	-50.2#	100	0.00
19	M	trans-1,2-Dichloroethene	1.320	1.900	-43.9#	92	0.00
20	T	Diisopropyl ether	5.062	5.863	-15.8	62	0.00
21	M	1,1-Dichloroethane	2.965	3.560	-20.1	67	0.00
22	M	cis-1,2-Dichloroethene	2.065	2.267	-9.8	68	0.00
23	M	tert-Butyl Alcohol	0.278	0.324	-16.5	79	0.00
24	M	Methyl tert-Butyl Ether	4.165	5.617	-34.9#	86	0.00
25	M	Chloroform	3.576	3.981	-11.3	72	0.00
26		Cyclohexane	2.689	2.511	6.6	60	0.00
27	s	1,2-Dichloroethane-d4	2.254	2.428	-7.7	70	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	62	0.00
29		1,1-Dichloropropene	0.481	0.510	-6.0	70	0.00
30	M	2-Butanone	0.242	0.235	2.9	60	0.00
31		2,2-Dichloropropane	0.480	0.598	-24.6	77	0.00
32	M	1,1,1-Trichloroethane	0.567	0.648	-14.3	76	0.00
33	M	Carbon Tetrachloride	0.487	0.576	-18.3	79	0.00
34	M	Benzene	1.528	1.625	-6.3	71	0.00
35		Methacrylonitrile	0.260	0.258	0.8	63	0.00
36	M	1,2-Dichloroethane	0.504	0.555	-10.1	76	0.00
37	M	Trichloroethene	0.361	0.409	-13.3	79	0.00
38		Methylcyclohexane	0.481	0.506	-5.2	70	0.00
39	M	1,2-Dichloropropane	0.394	0.428	-8.6	72	0.00
40		Dibromomethane	0.260	0.299	-15.0	77	0.00
41	M	Bromodichloromethane	0.518	0.616	-18.9	79	0.00
42	M	Vinyl Acetate	0.575	0.623	-8.3	60	0.00
43		Ethyl Acetate	0.459	0.467	-1.7	60	0.00
44		Isopropyl Acetate	0.827	0.763	7.7	62	0.00
45	T	1,4-Dioxane	0.008	0.008	0.0	66	0.00
46		Methyl methacrylate	0.369	0.387	-4.9	69	0.00
47		n-amyl Acetate	0.581	0.576	0.9	69	0.00
48	M	t-1,3-Dichloropropene	0.561	0.607	-8.2	73	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.585	0.668	-14.2	78	0.00
50	M	1,1,2-Trichloroethane	0.365	0.417	-14.2	75	0.00
51		Ethyl methacrylate	0.563	0.569	-1.1	66	0.00
52		1,3-Dichloropropane	0.623	0.695	-11.6	71	0.00
53	M	Dibromochloromethane	0.383	0.451	-17.8	79	0.00
54	M	1,2-Dibromoethane	0.370	0.392	-5.9	69	0.00
55	M	2-Chloroethyl vinyl ether	0.200	0.247	-23.5	83	0.00
56	M	Bromoform	0.267	0.314	-17.6	82	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	65	0.00
58	M	4-Methyl-2-Pentanone	0.551	0.554	-0.5	67	0.00
59	M	2-Hexanone	0.387	0.396	-2.3	66	0.00
60	S	4-Bromofluorobenzene	0.442	0.468	-5.9	66	0.00
61	M	Tetrachloroethene	0.326	0.381	-16.9	76	0.00
62	M	Toluene	1.747	1.987	-13.7	77	0.00
63	S	Toluene-d8	1.402	1.503	-7.2	70	0.00
64	M	Chlorobenzene	1.019	1.104	-8.3	74	0.00
65		1,1,1,2-Tetrachloroethane	0.390	0.453	-16.2	79	0.00
66	M	Ethyl Benzene	1.759	1.944	-10.5	73	0.00
67	M	m/p-Xylenes	0.662	0.751	-13.4	74	0.00
68	M	o-Xylene	0.638	0.720	-12.9	81	0.00
69	M	Styrene	1.018	1.208	-18.7	82	0.00
70		Isopropylbenzene	1.622	1.842	-13.6	75	0.00
71	M	1,1,2,2-Tetrachloroethane	0.607	0.648	-6.8	73	0.00
72		1,2,3-Trichloropropane	0.511	0.510	0.2	71	0.00
73		Bromobenzene	0.405	0.465	-14.8	76	0.00
74		n-propylbenzene	1.848	2.198	-18.9	77	0.00
75		2-Chlorotoluene	1.185	1.340	-13.1	74	0.00
76		1,3,5-Trimethylbenzene	1.341	1.581	-17.9	76	0.00
77		t-1,4-Dichloro-2-butene	0.180	0.183	-1.7	67	0.00
78		4-Chlorotoluene	1.119	1.285	-14.8	76	0.00
79		tert-butylbenzene	1.101	1.248	-13.4	71	0.00
80		1,2,4-Trimethylbenzene	1.281	1.552	-21.2	77	0.00
81		sec-Butylbenzene	1.506	1.785	-18.5	76	0.00
82		p-Isopropyltoluene	1.190	1.478	-24.2	78	0.00
83	M	1,3-Dichlorobenzene	0.644	0.775	-20.3	77	0.00
84	M	1,4-Dichlorobenzene	0.604	0.740	-22.5	78	0.00
85		n-Butylbenzene	0.906	1.084	-19.6	75	0.00
86	T	Hexachloroethane	0.236	0.274	-16.1	74	0.00
87	M	1,2-Dichlorobenzene	0.635	0.766	-20.6	76	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.104	-1.0	65	0.00
89		1,2,4-Trichlorobenzene	0.272	0.282	-3.7	70	0.00
90		Hexachlorobutadiene	0.165	0.188	-13.9	80	0.00
91	M	Naphthalene	0.710	0.586	17.5	55	0.00
92		1,2,3-Trichlorobenzene	0.272	0.282	-3.7	70	0.00

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