Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
Data File : VN078871.D
Acq On : 11 Aug 2023 18:28
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 12 01:43:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 09 05:05:47 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	85	0.00
2	M	Dichlorodifluoromethane	2.068	2.300	-11.2	89	0.00
3	M	Chloromethane	2.462	2.723	-10.6	89	0.00
4	M	Vinyl Chloride	2.343	2.780	-18.7	99	0.00
5	M	Bromomethane	1.705	1.704	0.1	82	-0.01
6	M	Chloroethane	1.664	1.759	-5.7	88	0.00
7	M	Trichlorofluoromethane	3.216	3.503	-8.9	86	0.00
8	T	Diethyl Ether	1.144	1.261	-10.2	89	0.00
9		1,1,2-Trichlorotrifluoroeth	1.725	1.850	-7.2	85	0.00
10	M	1,1-Dichloroethene	1.671	1.754	-5.0	85	0.00
11		Methyl Iodide	2.229	2.354	-5.6	85	0.00
12		Methyl Acetate	3.631	3.966	-9.2	87	0.00
13	M	Acrolein	0.385	0.391	-1.6	88	0.00
14	M	Acrylonitrile	0.957	0.988	-3.2	82	0.00
15	M	Acetone	0.247	0.250	-1.2	81	0.00
16	M	Carbon Disulfide	4.836	5.115	-5.8	84	0.00
17		Allyl chloride	2.920	3.105	-6.3	93	0.00
18	M	Methylene Chloride	2.085	2.223	-6.6	86	0.00
19	M	trans-1,2-Dichloroethene	1.918	2.072	-8.0	88	0.00
20	T	Diisopropyl ether	6.558	7.355	-12.2	91	0.00
21	M	1,1-Dichloroethane	3.739	3.987	-6.6	87	0.00
22	M	cis-1,2-Dichloroethene	2.126	2.357	-10.9	87	0.01
23	M	tert-Butyl Alcohol	0.356	0.318	10.7	74	0.00
24	M	Methyl tert-Butyl Ether	5.592	6.130	-9.6	89	0.00
25	M	Chloroform	3.712	4.095	-10.3	90	0.00
26		Cyclohexane	2.945	3.139	-6.6	90	0.01
27	s	1,2-Dichloroethane-d4	2.415	2.397	0.7	82	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
29		1,1-Dichloropropene	0.487	0.560	-15.0	89	0.00
30	M	2-Butanone	0.239	0.261	-9.2	86	0.00
31		2,2-Dichloropropane	0.503	0.565	-12.3	87	0.00
32	M	1,1,1-Trichloroethane	0.574	0.667	-16.2	94	-0.01
33	M	Carbon Tetrachloride	0.495	0.543	-9.7	85	0.00
34	M	Benzene	1.483	1.742	-17.5	93	0.00
35		Methacrylonitrile	0.281	0.304	-8.2	86	0.00
36	M	1,2-Dichloroethane	0.518	0.613	-18.3	94	0.00
37	M	Trichloroethene	0.357	0.392	-9.8	86	0.00
38		Methylcyclohexane	0.461	0.514	-11.5	85	0.00
39	M	1,2-Dichloropropane	0.392	0.444	-13.3	88	0.01
40		Dibromomethane	0.261	0.292	-11.9	90	0.00
41	M	Bromodichloromethane	0.526	0.604	-14.8	88	0.00
42	M	Vinyl Acetate	0.752	0.873	-16.1	91	0.00
43		Ethyl Acetate	0.496	0.500	-0.8	72	0.00
44		Isopropyl Acetate	0.890	1.021	-14.7	93	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	86	0.00
46		Methyl methacrylate	0.377	0.443	-17.5	93	0.00
47		n-amyl Acetate	0.623	0.755	-21.2	93	0.00
48	M	t-1,3-Dichloropropene	0.532	0.584	-9.8	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.591	0.669	-13.2	88	0.00
50	M	1,1,2-Trichloroethane	0.355	0.398	-12.1	88	0.00
51		Ethyl methacrylate	0.498	0.568	-14.1	91	0.00
52		1,3-Dichloropropane	0.610	0.698	-14.4	90	0.00
53	M	Dibromochloromethane	0.371	0.401	-8.1	87	0.00
54	M	1,2-Dibromoethane	0.347	0.406	-17.0	93	0.00
55	M	2-Chloroethyl vinyl ether	0.184	0.216	-17.4	94	0.00
56	M	Bromoform	0.232	0.264	-13.8	89	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
58	M	4-Methyl-2-Pentanone	0.577	0.661	-14.6	89	0.00
59	M	2-Hexanone	0.401	0.463	-15.5	89	0.00
60	S	4-Bromofluorobenzene	0.421	0.428	-1.7	79	0.00
61	M	Tetrachloroethene	0.343	0.359	-4.7	83	0.00
62	M	Toluene	1.766	2.045	-15.8	91	0.00
63	S	Toluene-d8	1.470	1.476	-0.4	80	0.00
64	M	Chlorobenzene	1.034	1.140	-10.3	87	0.00
65		1,1,1,2-Tetrachloroethane	0.398	0.445	-11.8	88	0.00
66	M	Ethyl Benzene	1.834	1.993	-8.7	83	0.00
67	M	m/p-Xylenes	0.673	0.754	-12.0	88	0.00
68	M	o-Xylene	0.669	0.741	-10.8	85	0.00
69	M	Styrene	1.023	1.194	-16.7	91	0.00
70		Isopropylbenzene	1.654	1.850	-11.9	88	0.00
71	M	1,1,2,2-Tetrachloroethane	0.560	0.688	-22.9	95	0.00
72		1,2,3-Trichloropropane	0.489	0.512	-4.7	86	0.00
73		Bromobenzene	0.395	0.413	-4.6	83	0.00
74		n-propylbenzene	1.830	2.141	-17.0	89	0.00
75		2-Chlorotoluene	1.140	1.340	-17.5	90	0.00
76		1,3,5-Trimethylbenzene	1.313	1.514	-15.3	87	0.00
77		t-1,4-Dichloro-2-butene	0.154	0.184	-19.5	91	0.00
78		4-Chlorotoluene	1.058	1.210	-14.4	87	0.00
79		tert-butylbenzene	1.078	1.233	-14.4	85	0.00
80		1,2,4-Trimethylbenzene	1.239	1.516	-22.4	92	0.00
81		sec-Butylbenzene	1.443	1.729	-19.8	90	0.00
82		p-Isopropyltoluene	1.130	1.374	-21.6	92	0.00
83	M	1,3-Dichlorobenzene	0.611	0.727	-19.0	89	0.00
84	M	1,4-Dichlorobenzene	0.583	0.680	-16.6	88	0.00
85		n-Butylbenzene	0.832	1.108	-33.2#	102	0.00
86	T	Hexachloroethane	0.238	0.268	-12.6	88	0.00
87	M	1,2-Dichlorobenzene	0.601	0.726	-20.8	90	0.00
88		1,2-Dibromo-3-Chloropropane	0.080	0.094	-17.5	93	0.00
89		1,2,4-Trichlorobenzene	0.166	0.177	-6.6	79	0.00
90		Hexachlorobutadiene	0.122	0.144	-18.0	88	0.00
91	M	Naphthalene	0.520	0.510	1.9	75	0.00
92		1,2,3-Trichlorobenzene	0.195	0.221	-13.3	84	0.00

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