Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
Data File : VN079106.D
Acq On : 29 Aug 2023 20:08
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 30 00:04:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:21:14 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	79	0.00
2	M	Dichlorodifluoromethane	1.893	1.913	-1.1	80	0.00
3	M	Chloromethane	2.269	2.235	1.5	78	0.00
4	M	Vinyl Chloride	2.245	2.402	-7.0	84	0.00
5	M	Bromomethane	1.386	1.395	-0.6	82	0.00
6	M	Chloroethane	1.459	1.677	-14.9	93	0.00
7	M	Trichlorofluoromethane	3.024	3.085	-2.0	83	0.00
8	T	Diethyl Ether	1.137	1.038	8.7	71	0.00
9		1,1,2-Trichlorotrifluoroeth	1.579	1.596	-1.1	80	0.00
10	M	1,1-Dichloroethene	1.589	1.542	3.0	75	0.00
11		Methyl Iodide	1.918	1.914	0.2	79	0.00
12		Methyl Acetate	3.725	3.973	-6.7	83	0.00
13	M	Acrolein	0.260	0.001	99.6#	0#	0.08
14	M	Acrylonitrile	0.979	1.066	-8.9	84	-0.01
15	M	Acetone	0.300	0.265	11.7	71	0.00
16	M	Carbon Disulfide	4.566	4.127	9.6	70	0.00
17		Allyl chloride	2.913	2.660	8.7	72	0.00
18	M	Methylene Chloride	1.900	1.929	-1.5	79	0.01
19	M	trans-1,2-Dichloroethene	1.788	1.033	42.2#	47#	0.00
20	T	Diisopropyl ether	6.336	6.595	-4.1	81	0.00
21	M	1,1-Dichloroethane	3.516	3.701	-5.3	82	0.00
22	M	cis-1,2-Dichloroethene	2.047	2.236	-9.2	82	0.00
23	M	tert-Butyl Alcohol	0.365	0.375	-2.7	77	0.01
24	M	Methyl tert-Butyl Ether	5.641	5.633	0.1	76	0.00
25	M	Chloroform	3.542	3.735	-5.4	84	0.00
26		Cyclohexane	2.572	2.699	-4.9	82	0.00
27	s	1,2-Dichloroethane-d4	2.430	2.503	-3.0	82	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
29		1,1-Dichloropropene	0.456	0.467	-2.4	76	0.00
30	M	2-Butanone	0.267	0.270	-1.1	79	0.00
31		2,2-Dichloropropane	0.504	0.424	15.9	64	0.00
32	M	1,1,1-Trichloroethane	0.545	0.562	-3.1	79	0.00
33	M	Carbon Tetrachloride	0.472	0.503	-6.6	81	0.00
34	M	Benzene	1.368	1.432	-4.7	80	0.00
35		Methacrylonitrile	0.285	0.285	0.0	75	0.00
36	M	1,2-Dichloroethane	0.512	0.533	-4.1	81	0.00
37	M	Trichloroethene	0.340	0.337	0.9	78	0.00
38		Methylcyclohexane	0.402	0.418	-4.0	79	0.00
39	M	1,2-Dichloropropane	0.368	0.397	-7.9	85	0.00
40		Dibromomethane	0.247	0.273	-10.5	84	0.00
41	M	Bromodichloromethane	0.497	0.531	-6.8	82	0.00
42	M	Vinyl Acetate	0.753	0.775	-2.9	77	0.00
43		Ethyl Acetate	0.518	0.515	0.6	79	0.00
44		Isopropyl Acetate	0.913	1.074	-17.6	89	0.00
45	T	1,4-Dioxane	0.007	0.008	-14.3	84	0.00
46		Methyl methacrylate	0.402	0.418	-4.0	78	0.00
47		n-amyl Acetate	0.701	0.691	1.4	73	0.00
48	M	t-1,3-Dichloropropene	0.529	0.521	1.5	75	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.567	0.583	-2.8	78	0.00
50	M	1,1,2-Trichloroethane	0.334	0.371	-11.1	83	0.00
51		Ethyl methacrylate	0.516	0.541	-4.8	78	0.00
52		1,3-Dichloropropane	0.598	0.624	-4.3	80	0.00
53	M	Dibromochloromethane	0.365	0.384	-5.2	83	0.00
54	M	1,2-Dibromoethane	0.343	0.361	-5.2	81	0.00
55	M	2-Chloroethyl vinyl ether	0.239	0.235	1.7	80	0.00
56	M	Bromoform	0.258	0.264	-2.3	79	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
58	M	4-Methyl-2-Pentanone	0.595	0.643	-8.1	83	0.00
59	M	2-Hexanone	0.436	0.470	-7.8	82	0.00
60	S	4-Bromofluorobenzene	0.438	0.444	-1.4	77	0.00
61	M	Tetrachloroethene	0.290	0.320	-10.3	84	0.00
62	M	Toluene	1.638	1.711	-4.5	79	0.00
63	S	Toluene-d8	1.401	1.472	-5.1	81	0.00
64	M	Chlorobenzene	0.985	1.017	-3.2	78	0.00
65		1,1,1,2-Tetrachloroethane	0.377	0.398	-5.6	80	0.00
66	M	Ethyl Benzene	1.713	1.753	-2.3	79	0.00
67	M	m/p-Xylenes	0.639	0.659	-3.1	77	0.00
68	M	o-Xylene	0.630	0.661	-4.9	80	0.00
69	M	Styrene	1.023	1.075	-5.1	78	0.00
70		Isopropylbenzene	1.526	1.626	-6.6	80	0.00
71	M	1,1,2,2-Tetrachloroethane	0.572	0.647	-13.1	86	0.00
72		1,2,3-Trichloropropane	0.469	0.564	-20.3	94	0.00
73		Bromobenzene	0.389	0.394	-1.3	77	0.00
74		n-propylbenzene	1.730	1.890	-9.2	82	0.00
75		2-Chlorotoluene	1.097	1.175	-7.1	81	0.00
76		1,3,5-Trimethylbenzene	1.210	1.376	-13.7	86	0.00
77		t-1,4-Dichloro-2-butene	0.174	0.161	7.5	71	0.00
78		4-Chlorotoluene	1.051	1.119	-6.5	80	0.00
79		tert-butylbenzene	1.022	1.119	-9.5	85	0.00
80		1,2,4-Trimethylbenzene	1.190	1.328	-11.6	83	0.00
81		sec-Butylbenzene	1.349	1.538	-14.0	84	0.00
82		p-Isopropyltoluene	1.101	1.226	-11.4	81	0.00
83	M	1,3-Dichlorobenzene	0.627	0.691	-10.2	85	0.00
84	M	1,4-Dichlorobenzene	0.616	0.633	-2.8	76	0.00
85		n-Butylbenzene	0.866	0.922	-6.5	78	0.00
86	T	Hexachloroethane	0.225	0.262	-16.4	90	0.00
87	M	1,2-Dichlorobenzene	0.642	0.703	-9.5	82	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.107	-3.9	75	0.00
89		1,2,4-Trichlorobenzene	0.254	0.252	0.8	71	0.00
90		Hexachlorobutadiene	0.132	0.143	-8.3	75	0.00
91	M	Naphthalene	0.731	0.617	15.6	60	0.00
92		1,2,3-Trichlorobenzene	0.254	0.252	0.8	71	0.00

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