Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041023\
Data File : VN077284.D
Acq On : 10 Apr 2023 09:48
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 11 01:19:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 07 13:04:49 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	107	0.00
2	M	Dichlorodifluoromethane	2.852	2.831	0.7	115	0.00
3	M	Chloromethane	3.789	3.396	10.4	104	0.00
4	M	Vinyl Chloride	5.427	4.748	12.5	101	0.00
5	M	Bromomethane	4.090	3.381	17.3	105	0.00
6	M	Chloroethane	3.638	3.243	10.9	102	0.01
7	M	Trichlorofluoromethane	5.053	4.998	1.1	116	0.00
8	T	Diethyl Ether	2.154	2.162	-0.4	115	0.00
9		1,1,2-Trichlorotrifluoroeth	3.160	3.214	-1.7	117	0.00
10	M	1,1-Dichloroethene	3.161	3.099	2.0	117	0.00
11		Methyl Iodide	3.571	3.603	-0.9	113	0.00
12		Methyl Acetate	4.710	4.234	10.1	104	0.00
13	M	Acrolein	0.585	0.573	2.1	108	0.00
14	M	Acrylonitrile	1.610	1.439	10.6	104	0.00
15	M	Acetone	0.584	0.515	11.8	87	0.00
16	M	Carbon Disulfide	8.344	7.960	4.6	113	0.00
17		Allyl chloride	4.069	3.767	7.4	102	0.00
18	M	Methylene Chloride	3.671	3.590	2.2	116	0.00
19	M	trans-1,2-Dichloroethene	3.437	3.357	2.3	115	0.00
20	T	Diisopropyl ether	9.699	9.241	4.7	112	0.00
21	M	1,1-Dichloroethane	6.147	6.071	1.2	116	0.00
22	M	cis-1,2-Dichloroethene	4.190	4.112	1.9	117	0.00
23	M	tert-Butyl Alcohol	0.716	0.618	13.7	95	0.00
24	M	Methyl tert-Butyl Ether	11.381	10.991	3.4	111	0.00
25	M	Chloroform	6.662	6.257	6.1	110	0.00
26		Cyclohexane	5.342	5.202	2.6	115	0.00
27	s	1,2-Dichloroethane-d4	2.544	2.519	1.0	108	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
29		1,1-Dichloropropene	0.650	0.648	0.3	115	0.00
30	M	2-Butanone	0.307	0.266	13.4	93	0.00
31		2,2-Dichloropropane	0.798	0.814	-2.0	119	0.00
32	M	1,1,1-Trichloroethane	0.800	0.781	2.4	111	0.00
33	M	Carbon Tetrachloride	0.683	0.697	-2.0	116	0.00
34	M	Benzene	2.011	1.990	1.0	113	0.00
35		Methacrylonitrile	0.290	0.271	6.6	109	0.00
36	M	1,2-Dichloroethane	0.630	0.618	1.9	111	0.00
37	M	Trichloroethene	0.492	0.486	1.2	116	0.00
38		Methylcyclohexane	0.881	0.865	1.8	114	0.00
39	M	1,2-Dichloropropane	0.499	0.491	1.6	112	0.00
40		Dibromomethane	0.360	0.354	1.7	113	0.00
41	M	Bromodichloromethane	0.717	0.716	0.1	114	0.00
42	M	Vinyl Acetate	0.889	0.823	7.4	107	0.00
43		Ethyl Acetate	0.569	0.517	9.1	105	0.00
44		Isopropyl Acetate	1.018	0.958	5.9	106	0.00
45	T	1,4-Dioxane	0.011	0.010	9.1	99	0.00
46		Methyl methacrylate	0.438	0.409	6.6	108	0.00
47		n-amyl Acetate	0.890	0.812	8.8	106	0.00
48	M	t-1,3-Dichloropropene	0.803	0.791	1.5	116	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.854	0.863	-1.1	117	0.00
50	M	1,1,2-Trichloroethane	0.522	0.505	3.3	113	0.00
51		Ethyl methacrylate	0.802	0.787	1.9	113	0.00
52		1,3-Dichloropropane	0.872	0.841	3.6	112	0.00
53	M	Dibromochloromethane	0.551	0.559	-1.5	118	0.00
54	M	1,2-Dibromoethane	0.524	0.509	2.9	111	0.00
55	M	2-Chloroethyl vinyl ether	0.248	0.208	16.1	96	0.00
56	M	Bromoform	0.370	0.362	2.2	113	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
58	M	4-Methyl-2-Pentanone	0.562	0.506	10.0	101	0.00
59	M	2-Hexanone	0.434	0.378	12.9	96	0.00
60	S	4-Bromofluorobenzene	0.519	0.540	-4.0	115	0.00
61	M	Tetrachloroethene	0.357	0.353	1.1	117	0.00
62	M	Toluene	2.093	2.102	-0.4	116	0.00
63	S	Toluene-d8	1.055	1.069	-1.3	112	0.00
64	M	Chlorobenzene	1.272	1.280	-0.6	117	0.00
65		1,1,1,2-Tetrachloroethane	0.468	0.483	-3.2	117	0.00
66	M	Ethyl Benzene	2.319	2.337	-0.8	117	0.00
67	M	m/p-Xylenes	0.909	0.925	-1.8	120	0.00
68	M	o-Xylene	0.909	0.927	-2.0	118	0.00
69	M	Styrene	1.457	1.474	-1.2	119	0.00
70		Isopropylbenzene	2.308	2.329	-0.9	117	0.00
71	M	1,1,2,2-Tetrachloroethane	0.707	0.682	3.5	112	0.00
72		1,2,3-Trichloropropane	0.480	0.561	-16.9	126	0.00
73		Bromobenzene	0.469	0.472	-0.6	116	0.00
74		n-propylbenzene	2.553	2.660	-4.2	123	0.00
75		2-Chlorotoluene	1.530	1.581	-3.3	119	0.00
76		1,3,5-Trimethylbenzene	1.878	1.928	-2.7	118	0.00
77		t-1,4-Dichloro-2-butene	0.245	0.242	1.2	115	0.00
78		4-Chlorotoluene	1.445	1.477	-2.2	121	0.00
79		tert-butylbenzene	1.635	1.674	-2.4	117	0.00
80		1,2,4-Trimethylbenzene	1.831	1.861	-1.6	115	0.00
81		sec-Butylbenzene	2.335	2.403	-2.9	117	0.00
82		p-Isopropyltoluene	1.870	1.910	-2.1	117	0.00
83	M	1,3-Dichlorobenzene	0.889	0.906	-1.9	122	0.00
84	M	1,4-Dichlorobenzene	0.862	0.879	-2.0	121	0.00
85		n-Butylbenzene	1.546	1.587	-2.7	124	0.00
86	T	Hexachloroethane	0.398	0.401	-0.8	118	0.00
87	M	1,2-Dichlorobenzene	0.871	0.880	-1.0	116	0.00
88		1,2-Dibromo-3-Chloropropane	0.135	0.123	8.9	110	0.00
89		1,2,4-Trichlorobenzene	0.343	0.285	16.9	109	0.00
90		Hexachlorobutadiene	0.176	0.183	-4.0	124	0.00
91	M	Naphthalene	1.309	0.977	25.4#	95	0.00
92		1,2,3-Trichlorobenzene	0.334	0.261	21.9	99	0.00

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