Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
Data File : VN077202.D
Acq On : 27 Mar 2023 14:59
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.1mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Mar 28 06:44:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 24 05:55:38 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	104	0.00
2	M	Dichlorodifluoromethane	1.975	2.620	-32.7#	145	0.00
3	M	Chloromethane	3.144	4.038	-28.4#	113	0.00
4	M	Vinyl Chloride	4.432	4.329	2.3	109	0.00
5	M	Bromomethane	3.108	2.776	10.7	97	0.00
6	M	Chloroethane	3.695	3.395	8.1	98	0.00
7	M	Trichlorofluoromethane	6.380	7.539	-18.2	128	0.00
8	T	Diethyl Ether	2.239	2.059	8.0	104	0.00
9		1,1,2-Trichlorotrifluoroeth	3.336	3.265	2.1	106	0.00
10	M	1,1-Dichloroethene	3.122	2.925	6.3	101	0.00
11		Methyl Iodide	3.325	3.355	-0.9	120	0.00
12		Methyl Acetate	6.731	5.958	11.5	95	0.00
13	M	Acrolein	0.912	0.799	12.4	93	0.00
14	M	Acrylonitrile	2.042	1.828	10.5	96	0.00
15	M	Acetone	0.534	0.480	10.1	97	0.00
16	M	Carbon Disulfide	8.816	7.968	9.6	101	0.00
17		Allyl chloride	5.490	4.887	11.0	101	0.00
18	M	Methylene Chloride	3.836	3.622	5.6	101	0.00
19	M	trans-1,2-Dichloroethene	3.344	3.139	6.1	104	0.00
20	T	Diisopropyl ether	12.437	11.413	8.2	98	0.00
21	M	1,1-Dichloroethane	7.002	6.471	7.6	101	0.00
22	M	cis-1,2-Dichloroethene	3.949	3.777	4.4	103	0.00
23	M	tert-Butyl Alcohol	0.693	0.553	20.2	89	0.00
24	M	Methyl tert-Butyl Ether	11.083	10.425	5.9	104	0.00
25	M	Chloroform	6.851	6.514	4.9	101	0.00
26		Cyclohexane	5.906	5.633	4.6	104	0.00
27	s	1,2-Dichloroethane-d4	3.047	2.915	4.3	97	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29		1,1-Dichloropropene	0.728	0.705	3.2	104	0.00
30	M	2-Butanone	0.420	0.384	8.6	96	0.00
31		2,2-Dichloropropane	0.682	0.748	-9.7	120	0.00
32	M	1,1,1-Trichloroethane	0.877	0.843	3.9	103	-0.01
33	M	Carbon Tetrachloride	0.737	0.727	1.4	105	0.00
34	M	Benzene	2.231	2.111	5.4	101	0.00
35		Methacrylonitrile	0.461	0.417	9.5	96	0.00
36	M	1,2-Dichloroethane	0.822	0.771	6.2	98	0.00
37	M	Trichloroethene	0.504	0.479	5.0	102	0.00
38		Methylcyclohexane	0.866	0.824	4.8	107	0.00
39	M	1,2-Dichloropropane	0.597	0.560	6.2	99	0.00
40		Dibromomethane	0.382	0.371	2.9	103	0.00
41	M	Bromodichloromethane	0.778	0.765	1.7	105	0.00
42	M	Vinyl Acetate	1.258	1.150	8.6	100	0.00
43		Ethyl Acetate	0.839	0.772	8.0	97	0.00
44		Isopropyl Acetate	1.354	1.215	10.3	95	0.00
45	T	1,4-Dioxane	0.011	0.010	9.1	89	0.00
46		Methyl methacrylate	0.624	0.572	8.3	94	0.00
47		n-amyl Acetate	1.139	0.952	16.4	97	0.00
48	M	t-1,3-Dichloropropene	0.790	0.743	5.9	107	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.865	0.831	3.9	106	0.00
50	M	1,1,2-Trichloroethane	0.536	0.514	4.1	101	0.00
51		Ethyl methacrylate	0.828	0.760	8.2	104	0.00
52		1,3-Dichloropropane	0.952	0.901	5.4	103	0.00
53	M	Dibromochloromethane	0.555	0.532	4.1	105	0.00
54	M	1,2-Dibromoethane	0.528	0.488	7.6	100	0.00
55	M	2-Chloroethyl vinyl ether	0.346	0.294	15.0	94	0.00
56	M	Bromoform	0.389	0.348	10.5	105	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.774	0.711	8.1	95	0.00
59	M	2-Hexanone	0.565	0.509	9.9	93	0.00
60	S	4-Bromofluorobenzene	0.539	0.534	0.9	102	0.00
61	M	Tetrachloroethene	0.377	0.388	-2.9	110	0.00
62	M	Toluene	2.108	2.067	1.9	103	0.00
63	S	Toluene-d8	1.071	1.083	-1.1	100	0.00
64	M	Chlorobenzene	1.247	1.221	2.1	105	0.00
65		1,1,1,2-Tetrachloroethane	0.458	0.443	3.3	102	0.00
66	M	Ethyl Benzene	2.266	2.208	2.6	104	0.00
67	M	m/p-Xylenes	0.872	0.852	2.3	105	0.00
68	M	o-Xylene	0.854	0.816	4.4	103	0.00
69	M	Styrene	1.386	1.310	5.5	104	0.00
70		Isopropylbenzene	2.214	2.168	2.1	106	0.00
71	M	1,1,2,2-Tetrachloroethane	0.725	0.702	3.2	100	0.00
72		1,2,3-Trichloropropane	0.641	0.637	0.6	99	0.00
73		Bromobenzene	0.495	0.474	4.2	103	0.00
74		n-propylbenzene	2.563	2.496	2.6	107	0.00
75		2-Chlorotoluene	1.545	1.517	1.8	106	0.00
76		1,3,5-Trimethylbenzene	1.837	1.831	0.3	105	0.00
77		t-1,4-Dichloro-2-butene	0.204	0.193	5.4	107	0.00
78		4-Chlorotoluene	1.486	1.440	3.1	106	0.00
79		tert-butylbenzene	1.570	1.509	3.9	104	0.00
80		1,2,4-Trimethylbenzene	1.823	1.804	1.0	107	0.00
81		sec-Butylbenzene	2.267	2.181	3.8	107	0.00
82		p-Isopropyltoluene	1.817	1.785	1.8	110	0.00
83	M	1,3-Dichlorobenzene	0.916	0.905	1.2	107	0.00
84	M	1,4-Dichlorobenzene	0.893	0.865	3.1	108	0.00
85		n-Butylbenzene	1.536	1.418	7.7	110	0.00
86	T	Hexachloroethane	0.346	0.324	6.4	105	0.00
87	M	1,2-Dichlorobenzene	0.916	0.904	1.3	108	0.00
88		1,2-Dibromo-3-Chloropropane	0.139	0.125	10.1	98	0.00
89		1,2,4-Trichlorobenzene	0.409	0.357	12.7	107	0.00
90		Hexachlorobutadiene	0.231	0.231	0.0	113	0.00
91	M	Naphthalene	1.341	1.037	22.7	95	0.00
92		1,2,3-Trichlorobenzene	0.406	0.360	11.3	104	0.00

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