Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
Data File : VN077173.D
Acq On : 24 Mar 2023 10:43
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Mar 24 23:26:06 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	94	0.00
2	M	Dichlorodifluoromethane	1.975	2.304	-16.7	116	0.00
3	M	Chloromethane	3.144	3.176	-1.0	81	0.00
4	M	Vinyl Chloride	4.432	4.305	2.9	98	0.00
5	M	Bromomethane	3.108	4.484	-44.3#	142	0.00
6	M	Chloroethane	3.695	4.491	-21.5	118	0.00
7	M	Trichlorofluoromethane	6.380	6.262	1.8	96	0.00
8	T	Diethyl Ether	2.239	2.186	2.4	100	0.00
9		1,1,2-Trichlorotrifluoroeth	3.336	3.488	-4.6	103	0.00
10	M	1,1-Dichloroethene	3.122	3.253	-4.2	102	0.00
11		Methyl Iodide	3.325	3.369	-1.3	110	0.00
12		Methyl Acetate	6.731	6.467	3.9	94	0.00
13	M	Acrolein	0.912	0.859	5.8	91	0.00
14	M	Acrylonitrile	2.042	1.931	5.4	92	0.00
15	M	Acetone	0.534	0.598	-12.0	109	0.00
16	M	Carbon Disulfide	8.816	9.014	-2.2	104	0.00
17		Allyl chloride	5.490	5.175	5.7	97	0.00
18	M	Methylene Chloride	3.836	3.921	-2.2	99	0.00
19	M	trans-1,2-Dichloroethene	3.344	3.369	-0.7	101	0.00
20	T	Diisopropyl ether	12.437	13.222	-6.3	103	0.00
21	M	1,1-Dichloroethane	7.002	7.325	-4.6	104	-0.01
22	M	cis-1,2-Dichloroethene	3.949	4.174	-5.7	103	0.00
23	M	tert-Butyl Alcohol	0.693	0.581	16.2	85	-0.01
24	M	Methyl tert-Butyl Ether	11.083	10.860	2.0	98	0.00
25	M	Chloroform	6.851	7.224	-5.4	102	0.00
26		Cyclohexane	5.906	5.961	-0.9	100	0.00
27	s	1,2-Dichloroethane-d4	3.047	3.140	-3.1	95	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29		1,1-Dichloropropene	0.728	0.746	-2.5	102	0.00
30	M	2-Butanone	0.420	0.415	1.2	96	0.00
31		2,2-Dichloropropane	0.682	0.801	-17.4	119	-0.01
32	M	1,1,1-Trichloroethane	0.877	0.878	-0.1	99	0.00
33	M	Carbon Tetrachloride	0.737	0.758	-2.8	101	0.00
34	M	Benzene	2.231	2.285	-2.4	101	0.00
35		Methacrylonitrile	0.461	0.456	1.1	97	0.00
36	M	1,2-Dichloroethane	0.822	0.879	-6.9	104	0.00
37	M	Trichloroethene	0.504	0.516	-2.4	102	0.00
38		Methylcyclohexane	0.866	0.868	-0.2	104	0.00
39	M	1,2-Dichloropropane	0.597	0.614	-2.8	100	0.00
40		Dibromomethane	0.382	0.400	-4.7	103	0.00
41	M	Bromodichloromethane	0.778	0.802	-3.1	102	0.00
42	M	Vinyl Acetate	1.258	1.235	1.8	100	0.00
43		Ethyl Acetate	0.839	0.808	3.7	94	0.00
44		Isopropyl Acetate	1.354	1.250	7.7	91	0.00
45	T	1,4-Dioxane	0.011	0.011	0.0	89	0.00
46		Methyl methacrylate	0.624	0.626	-0.3	95	0.00
47		n-amyl Acetate	1.139	1.012	11.2	95	0.00
48	M	t-1,3-Dichloropropene	0.790	0.770	2.5	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.865	0.891	-3.0	106	0.00
50	M	1,1,2-Trichloroethane	0.536	0.532	0.7	97	0.00
51		Ethyl methacrylate	0.828	0.775	6.4	98	0.00
52		1,3-Dichloropropane	0.952	0.973	-2.2	103	0.00
53	M	Dibromochloromethane	0.555	0.561	-1.1	103	0.00
54	M	1,2-Dibromoethane	0.528	0.534	-1.1	101	0.00
55	M	2-Chloroethyl vinyl ether	0.346	0.319	7.8	94	0.00
56	M	Bromoform	0.389	0.367	5.7	103	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58	M	4-Methyl-2-Pentanone	0.774	0.731	5.6	93	0.00
59	M	2-Hexanone	0.565	0.528	6.5	92	0.00
60	S	4-Bromofluorobenzene	0.539	0.544	-0.9	99	0.00
61	M	Tetrachloroethene	0.377	0.376	0.3	101	0.00
62	M	Toluene	2.108	2.143	-1.7	102	0.00
63	S	Toluene-d8	1.071	1.107	-3.4	97	0.00
64	M	Chlorobenzene	1.247	1.281	-2.7	105	0.00
65		1,1,1,2-Tetrachloroethane	0.458	0.462	-0.9	101	0.00
66	M	Ethyl Benzene	2.266	2.272	-0.3	102	0.00
67	M	m/p-Xylenes	0.872	0.897	-2.9	105	0.00
68	M	o-Xylene	0.854	0.855	-0.1	103	0.00
69	M	Styrene	1.386	1.356	2.2	103	0.00
70		Isopropylbenzene	2.214	2.211	0.1	103	0.00
71	M	1,1,2,2-Tetrachloroethane	0.725	0.741	-2.2	100	0.00
72		1,2,3-Trichloropropane	0.641	0.650	-1.4	96	0.00
73		Bromobenzene	0.495	0.491	0.8	101	0.00
74		n-propylbenzene	2.563	2.592	-1.1	106	0.00
75		2-Chlorotoluene	1.545	1.566	-1.4	104	0.00
76		1,3,5-Trimethylbenzene	1.837	1.865	-1.5	102	0.00
77		t-1,4-Dichloro-2-butene	0.204	0.198	2.9	105	0.00
78		4-Chlorotoluene	1.486	1.447	2.6	101	0.00
79		tert-butylbenzene	1.570	1.554	1.0	102	0.00
80		1,2,4-Trimethylbenzene	1.823	1.821	0.1	103	0.00
81		sec-Butylbenzene	2.267	2.243	1.1	104	0.00
82		p-Isopropyltoluene	1.817	1.808	0.5	106	0.00
83	M	1,3-Dichlorobenzene	0.916	0.922	-0.7	103	0.00
84	M	1,4-Dichlorobenzene	0.893	0.864	3.2	102	0.00
85		n-Butylbenzene	1.536	1.446	5.9	106	0.00
86	T	Hexachloroethane	0.346	0.338	2.3	104	0.00
87	M	1,2-Dichlorobenzene	0.916	0.899	1.9	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.139	0.126	9.4	94	0.00
89		1,2,4-Trichlorobenzene	0.409	0.338	17.4	97	0.00
90		Hexachlorobutadiene	0.231	0.237	-2.6	110	0.00
91	M	Naphthalene	1.341	1.057	21.2	92	0.00
92		1,2,3-Trichlorobenzene	0.406	0.352	13.3	96	0.00

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