Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
Data File : VN072794.D
Acq On : 11 Jun 2022 17:43
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jun 13 01:20:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
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	77	0.00
2	M	Dichlorodifluoromethane	2.247	1.838	18.2	63	0.00
3	M	Chloromethane	2.444	1.903	22.1	61	0.00
4	M	Vinyl Chloride	2.204	2.170	1.5	76	0.00
5	M	Bromomethane	1.140	0.809	29.0#	56	0.00
6	M	Chloroethane	1.469	1.467	0.1	72	0.00
7	M	Trichlorofluoromethane	3.984	3.441	13.6	66	0.00
8	T	Diethyl Ether	1.544	1.406	8.9	70	0.00
9		1,1,2-Trichlorotrifluoroeth	2.099	1.817	13.4	66	0.00
10	M	1,1-Dichloroethene	1.982	1.706	13.9	68	0.00
11		Methyl Iodide	1.984	1.010	49.1#	38#	0.00
12		Methyl Acetate	4.089	4.138	-1.2	80	0.00
13	M	Acrolein	0.358	0.298	16.8	69	0.00
14	M	Acrylonitrile	1.667	1.639	1.7	75	0.00
15	M	Acetone	0.451	0.427	5.3	72	0.00
16	M	Carbon Disulfide	4.997	3.433	31.3#	56	0.00
17		Allyl chloride	4.282	3.747	12.5	68	0.00
18	M	Methylene Chloride	2.489	2.255	9.4	69	0.00
19	M	trans-1,2-Dichloroethene	2.145	1.812	15.5	65	0.00
20	T	Diisopropyl ether	8.480	8.643	-1.9	76	0.00
21	M	1,1-Dichloroethane	4.711	4.245	9.9	70	0.00
22	M	cis-1,2-Dichloroethene	2.687	2.474	7.9	70	0.00
23	M	tert-Butyl Alcohol	0.776	0.673	13.3	65	0.01
24	M	Methyl tert-Butyl Ether	8.815	8.090	8.2	70	0.01
25	M	Chloroform	4.840	4.566	5.7	72	0.00
26		Cyclohexane	3.928	3.420	12.9	67	0.00
27	s	1,2-Dichloroethane-d4	3.421	3.661	-7.0	80	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
29		1,1-Dichloropropene	0.572	0.505	11.7	69	0.00
30	M	2-Butanone	0.414	0.418	-1.0	78	0.00
31		2,2-Dichloropropane	0.774	0.533	31.1#	53	0.00
32	M	1,1,1-Trichloroethane	0.748	0.643	14.0	66	0.00
33	M	Carbon Tetrachloride	0.645	0.529	18.0	63	0.00
34	M	Benzene	1.692	1.562	7.7	71	0.00
35		Methacrylonitrile	0.406	0.372	8.4	74	0.00
36	M	1,2-Dichloroethane	0.715	0.666	6.9	70	0.00
37	M	Trichloroethene	0.408	0.350	14.2	67	0.00
38		Methylcyclohexane	0.683	0.571	16.4	66	0.00
39	M	1,2-Dichloropropane	0.465	0.449	3.4	74	0.00
40		Dibromomethane	0.319	0.301	5.6	73	0.00
41	M	Bromodichloromethane	0.683	0.609	10.8	68	0.00
42	M	Vinyl Acetate	1.347	1.294	3.9	73	0.00
43		Ethyl Acetate	0.793	0.812	-2.4	77	0.00
44		Isopropyl Acetate	1.315	1.262	4.0	74	0.00
45	T	1,4-Dioxane	0.011	0.011	0.0	74	0.00
46		Methyl methacrylate	0.588	0.551	6.3	74	0.00
47		n-amyl Acetate	1.007	0.865	14.1	71	0.00
48	M	t-1,3-Dichloropropene	0.779	0.621	20.3	63	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.791	0.660	16.6	65	0.00
50	M	1,1,2-Trichloroethane	0.451	0.422	6.4	71	0.00
51		Ethyl methacrylate	0.817	0.744	8.9	71	0.00
52		1,3-Dichloropropane	0.803	0.779	3.0	73	0.00
53	M	Dibromochloromethane	0.498	0.428	14.1	67	0.00
54	M	1,2-Dibromoethane	0.474	0.437	7.8	71	0.00
55	M	2-Chloroethyl vinyl ether	0.320	0.362	-13.1	94	0.00
56	M	Bromoform	0.347	0.272	21.6	63	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
58	M	4-Methyl-2-Pentanone	0.900	0.970	-7.8	80	0.00
59	M	2-Hexanone	0.682	0.705	-3.4	78	0.00
60	S	4-Bromofluorobenzene	0.617	0.568	7.9	70	0.00
61	M	Tetrachloroethene	0.371	0.351	5.4	70	0.00
62	M	Toluene	2.034	1.936	4.8	71	0.00
63	S	Toluene-d8	1.662	1.779	-7.0	77	0.00
64	M	Chlorobenzene	1.238	1.135	8.3	69	0.00
65		1,1,1,2-Tetrachloroethane	0.488	0.453	7.2	68	0.00
66	M	Ethyl Benzene	2.335	2.173	6.9	70	0.00
67	M	m/p-Xylenes	0.852	0.757	11.2	68	0.00
68	M	o-Xylene	0.869	0.782	10.0	67	0.00
69	M	Styrene	1.379	1.233	10.6	70	0.00
70		Isopropylbenzene	2.271	2.068	8.9	69	0.00
71	M	1,1,2,2-Tetrachloroethane	0.769	0.762	0.9	74	0.00
72		1,2,3-Trichloropropane	0.671	0.732	-9.1	74	0.00
73		Bromobenzene	0.462	0.397	14.1	66	0.00
74		n-propylbenzene	2.598	2.266	12.8	68	0.00
75		2-Chlorotoluene	1.611	1.458	9.5	70	0.00
76		1,3,5-Trimethylbenzene	1.864	1.688	9.4	70	0.00
77		t-1,4-Dichloro-2-butene	0.283	0.192	32.2#	54	0.00
78		4-Chlorotoluene	1.522	1.289	15.3	67	0.00
79		tert-butylbenzene	1.664	1.480	11.1	68	0.00
80		1,2,4-Trimethylbenzene	2.247	2.022	10.0	71	0.00
81		sec-Butylbenzene	2.247	2.022	10.0	71	0.00
82		p-Isopropyltoluene	1.794	1.543	14.0	70	0.00
83	M	1,3-Dichlorobenzene	0.808	0.692	14.4	70	0.00
84	M	1,4-Dichlorobenzene	0.785	0.672	14.4	69	0.00
85		n-Butylbenzene	1.521	1.226	19.4	67	0.00
86	T	Hexachloroethane	0.397	0.312	21.4	61	0.00
87	M	1,2-Dichlorobenzene	0.800	0.704	12.0	70	0.00
88		1,2-Dibromo-3-Chloropropane	0.193	0.163	15.5	65	0.00
89		1,2,4-Trichlorobenzene	0.403	0.310	23.1	64	0.00
90		Hexachlorobutadiene	0.181	0.149	17.7	63	0.00
91	M	Naphthalene	1.608	1.332	17.2	69	0.00
92		1,2,3-Trichlorobenzene	0.410	0.333	18.8	68	0.00

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