Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
Data File : VN071924.D
Acq On : 08 Apr 2022 19:08
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 09 05:21:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	71	0.00
2	M	Dichlorodifluoromethane	1.867	2.184	-17.0	81	0.00
3	M	Chloromethane	2.201	2.463	-11.9	80	0.00
4	M	Vinyl Chloride	2.524	2.587	-2.5	75	0.00
5	M	Bromomethane	1.487	1.631	-9.7	71	0.00
6	M	Chloroethane	1.616	1.621	-0.3	73	0.00
7	M	Trichlorofluoromethane	2.943	3.183	-8.2	78	0.00
8	T	Diethyl Ether	1.236	1.292	-4.5	76	0.00
9		1,1,2-Trichlorotrifluoroeth	1.762	1.896	-7.6	77	0.00
10	M	1,1-Dichloroethene	1.738	1.882	-8.3	79	0.00
11		Methyl Iodide	2.547	2.383	6.4	69	0.00
12		Methyl Acetate	2.449	2.475	-1.1	74	0.00
13	M	Acrolein	0.261	0.273	-4.6	80	0.00
14	M	Acrylonitrile	1.109	1.184	-6.8	79	0.00
15	M	Acetone	0.319	0.321	-0.6	70	0.00
16	M	Carbon Disulfide	4.525	4.843	-7.0	80	0.00
17		Allyl chloride	2.819	2.780	1.4	73	0.00
18	M	Methylene Chloride	2.085	2.219	-6.4	78	0.00
19	M	trans-1,2-Dichloroethene	1.859	2.015	-8.4	80	0.00
20	T	Diisopropyl ether	5.898	6.156	-4.4	75	0.00
21	M	1,1-Dichloroethane	3.561	3.694	-3.7	76	0.00
22	M	cis-1,2-Dichloroethene	2.258	2.423	-7.3	78	0.00
23	M	tert-Butyl Alcohol	0.396	0.352	11.1	68	0.01
24	M	Methyl tert-Butyl Ether	6.273	6.351	-1.2	74	0.00
25	M	Chloroform	3.582	3.781	-5.6	76	0.00
26		Cyclohexane	3.078	3.280	-6.6	78	0.00
27	s	1,2-Dichloroethane-d4	2.114	2.024	4.3	68	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
29		1,1-Dichloropropene	0.486	0.499	-2.7	77	0.00
30	M	2-Butanone	0.270	0.260	3.7	72	0.00
31		2,2-Dichloropropane	0.553	0.500	9.6	68	0.00
32	M	1,1,1-Trichloroethane	0.566	0.569	-0.5	75	0.00
33	M	Carbon Tetrachloride	0.479	0.491	-2.5	76	0.00
34	M	Benzene	1.509	1.613	-6.9	79	0.00
35		Methacrylonitrile	0.259	0.259	0.0	71	0.00
36	M	1,2-Dichloroethane	0.526	0.510	3.0	72	0.00
37	M	Trichloroethene	0.389	0.410	-5.4	80	0.00
38		Methylcyclohexane	0.612	0.628	-2.6	77	0.00
39	M	1,2-Dichloropropane	0.377	0.385	-2.1	76	0.00
40		Dibromomethane	0.255	0.261	-2.4	76	0.00
41	M	Bromodichloromethane	0.511	0.522	-2.2	77	0.00
42	M	Vinyl Acetate	0.926	0.906	2.2	74	0.00
43		Ethyl Acetate	0.524	0.568	-8.4	80	0.00
44		Isopropyl Acetate	0.841	0.776	7.7	71	0.00
45	T	1,4-Dioxane	0.008	0.008#	0.0	68	0.00
46		Methyl methacrylate	0.369	0.341	7.6	74	0.00
47		n-amyl Acetate	0.561	0.464	17.3	69	0.00
48	M	t-1,3-Dichloropropene	0.556	0.529	4.9	75	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.608	0.599	1.5	76	0.00
50	M	1,1,2-Trichloroethane	0.382	0.407	-6.5	79	0.00
51		Ethyl methacrylate	0.590	0.605	-2.5	81	0.00
52		1,3-Dichloropropane	0.652	0.683	-4.8	77	0.00
53	M	Dibromochloromethane	0.395	0.408	-3.3	79	0.00
54	M	1,2-Dibromoethane	0.393	0.414	-5.3	80	0.00
55	M	2-Chloroethyl vinyl ether	0.159	0.125	21.4	60	0.00
56	M	Bromoform	0.305	0.312	-2.3	80	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
58	M	4-Methyl-2-Pentanone	0.569	0.560	1.6	76	0.00
59	M	2-Hexanone	0.416	0.395	5.0	74	0.00
60	S	4-Bromofluorobenzene	0.445	0.422	5.2	73	0.00
61	M	Tetrachloroethene	0.365	0.398	-9.0	82	0.00
62	M	Toluene	1.819	1.917	-5.4	80	0.00
63	S	Toluene-d8	1.362	1.355	0.5	74	0.00
64	M	Chlorobenzene	1.122	1.152	-2.7	80	0.00
65		1,1,1,2-Tetrachloroethane	0.412	0.416	-1.0	77	0.00
66	M	Ethyl Benzene	1.977	1.992	-0.8	79	0.00
67	M	m/p-Xylenes	0.769	0.778	-1.2	78	0.00
68	M	o-Xylene	0.764	0.767	-0.4	78	0.00
69	M	Styrene	1.203	1.161	3.5	78	0.00
70		Isopropylbenzene	1.918	1.916	0.1	78	0.00
71	M	1,1,2,2-Tetrachloroethane	0.624	0.641	-2.7	77	0.00
72		1,2,3-Trichloropropane	0.536	0.545	-1.7	76	0.00
73		Bromobenzene	0.468	0.458	2.1	78	0.00
74		n-propylbenzene	2.094	2.002	4.4	77	0.00
75		2-Chlorotoluene	1.308	1.281	2.1	77	0.00
76		1,3,5-Trimethylbenzene	1.539	1.579	-2.6	79	0.00
77		t-1,4-Dichloro-2-butene	0.188	0.154	18.1	71	0.00
78		4-Chlorotoluene	1.222	1.149	6.0	76	0.00
79		tert-butylbenzene	1.389	1.393	-0.3	78	0.00
80		1,2,4-Trimethylbenzene	1.493	1.497	-0.3	79	0.00
81		sec-Butylbenzene	1.866	1.796	3.8	77	0.00
82		p-Isopropyltoluene	1.516	1.422	6.2	76	0.00
83	M	1,3-Dichlorobenzene	0.766	0.713	6.9	76	0.00
84	M	1,4-Dichlorobenzene	0.731	0.683	6.6	76	0.00
85		n-Butylbenzene	1.126	0.930	17.4	72	0.00
86	T	Hexachloroethane	0.283	0.256	9.5	73	0.00
87	M	1,2-Dichlorobenzene	0.740	0.718	3.0	75	0.00
88		1,2-Dibromo-3-Chloropropane	0.111	0.100	9.9	74	0.00
89		1,2,4-Trichlorobenzene	0.342	0.298	12.9	76	0.00
90		Hexachlorobutadiene	0.203	0.200	1.5	78	0.00
91	M	Naphthalene	0.951	0.780	18.0	78	0.00
92		1,2,3-Trichlorobenzene	0.336	0.307	8.6	80	0.00

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