Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041422\
Data File : VN071987.D
Acq On : 14 Apr 2022 10:21
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 15 01:35:35 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	82	0.00
2	M	Dichlorodifluoromethane	1.867	2.148	-15.1	91	0.00
3	M	Chloromethane	2.201	2.227	-1.2	83	0.00
4	M	Vinyl Chloride	2.524	2.285	9.5	76	0.00
5	M	Bromomethane	1.487	1.498	-0.7	75	-0.01
6	M	Chloroethane	1.616	1.359	15.9	70	0.00
7	M	Trichlorofluoromethane	2.943	3.101	-5.4	87	-0.01
8	T	Diethyl Ether	1.236	1.275	-3.2	87	0.00
9		1,1,2-Trichlorotrifluoroeth	1.762	1.921	-9.0	89	0.00
10	M	1,1-Dichloroethene	1.738	1.817	-4.5	87	0.00
11		Methyl Iodide	2.547	2.600	-2.1	86	-0.01
12		Methyl Acetate	2.449	2.435	0.6	84	0.00
13	M	Acrolein	0.261	0.275	-5.4	93	0.00
14	M	Acrylonitrile	1.109	1.119	-0.9	86	0.00
15	M	Acetone	0.319	0.418	-31.0#	105	0.00
16	M	Carbon Disulfide	4.525	4.854	-7.3	92	0.00
17		Allyl chloride	2.819	2.577	8.6	78	0.00
18	M	Methylene Chloride	2.085	2.172	-4.2	87	0.00
19	M	trans-1,2-Dichloroethene	1.859	1.976	-6.3	90	0.00
20	T	Diisopropyl ether	5.898	5.832	1.1	82	0.00
21	M	1,1-Dichloroethane	3.561	3.605	-1.2	85	0.00
22	M	cis-1,2-Dichloroethene	2.258	2.314	-2.5	86	0.00
23	M	tert-Butyl Alcohol	0.396	0.331	16.4	73	0.01
24	M	Methyl tert-Butyl Ether	6.273	6.166	1.7	82	0.00
25	M	Chloroform	3.582	3.701	-3.3	85	0.00
26		Cyclohexane	3.078	3.206	-4.2	88	0.00
27	s	1,2-Dichloroethane-d4	2.114	1.974	6.6	76	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
29		1,1-Dichloropropene	0.486	0.500	-2.9	88	0.00
30	M	2-Butanone	0.270	0.268	0.7	84	0.00
31		2,2-Dichloropropane	0.553	0.536	3.1	83	0.00
32	M	1,1,1-Trichloroethane	0.566	0.570	-0.7	86	0.00
33	M	Carbon Tetrachloride	0.479	0.488	-1.9	86	0.00
34	M	Benzene	1.509	1.558	-3.2	87	0.00
35		Methacrylonitrile	0.259	0.251	3.1	78	0.00
36	M	1,2-Dichloroethane	0.526	0.485	7.8	78	0.00
37	M	Trichloroethene	0.389	0.397	-2.1	88	0.00
38		Methylcyclohexane	0.612	0.631	-3.1	88	0.00
39	M	1,2-Dichloropropane	0.377	0.377	0.0	84	0.00
40		Dibromomethane	0.255	0.255	0.0	84	0.00
41	M	Bromodichloromethane	0.511	0.513	-0.4	86	0.00
42	M	Vinyl Acetate	0.926	0.875	5.5	81	0.00
43		Ethyl Acetate	0.524	0.509	2.9	81	0.00
44		Isopropyl Acetate	0.841	0.751	10.7	78	0.00
45	T	1,4-Dioxane	0.008	0.008#	0.0	82	0.00
46		Methyl methacrylate	0.369	0.356	3.5	87	0.00
47		n-amyl Acetate	0.561	0.467	16.8	78	0.00
48	M	t-1,3-Dichloropropene	0.556	0.527	5.2	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.608	0.598	1.6	86	0.00
50	M	1,1,2-Trichloroethane	0.382	0.396	-3.7	88	0.00
51		Ethyl methacrylate	0.590	0.579	1.9	88	0.00
52		1,3-Dichloropropane	0.652	0.664	-1.8	86	0.00
53	M	Dibromochloromethane	0.395	0.406	-2.8	90	0.00
54	M	1,2-Dibromoethane	0.393	0.402	-2.3	89	0.00
55	M	2-Chloroethyl vinyl ether	0.159	0.130	18.2	71	0.00
56	M	Bromoform	0.305	0.305	0.0	89	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58	M	4-Methyl-2-Pentanone	0.569	0.534	6.2	80	0.00
59	M	2-Hexanone	0.416	0.393	5.5	81	0.00
60	S	4-Bromofluorobenzene	0.445	0.442	0.7	84	0.00
61	M	Tetrachloroethene	0.365	0.411	-12.6	94	0.00
62	M	Toluene	1.819	1.935	-6.4	89	0.00
63	S	Toluene-d8	1.362	1.378	-1.2	82	0.00
64	M	Chlorobenzene	1.122	1.162	-3.6	89	0.00
65		1,1,1,2-Tetrachloroethane	0.412	0.423	-2.7	86	0.00
66	M	Ethyl Benzene	1.977	2.014	-1.9	88	0.00
67	M	m/p-Xylenes	0.769	0.796	-3.5	88	0.00
68	M	o-Xylene	0.764	0.782	-2.4	88	0.00
69	M	Styrene	1.203	1.220	-1.4	90	0.00
70		Isopropylbenzene	1.918	1.961	-2.2	88	0.00
71	M	1,1,2,2-Tetrachloroethane	0.624	0.637	-2.1	85	0.00
72		1,2,3-Trichloropropane	0.536	0.564	-5.2	87	0.00
73		Bromobenzene	0.468	0.476	-1.7	90	0.00
74		n-propylbenzene	2.094	2.126	-1.5	90	0.00
75		2-Chlorotoluene	1.308	1.336	-2.1	88	0.00
76		1,3,5-Trimethylbenzene	1.539	1.613	-4.8	89	0.00
77		t-1,4-Dichloro-2-butene	0.188	0.170	9.6	86	0.00
78		4-Chlorotoluene	1.222	1.208	1.1	88	0.00
79		tert-butylbenzene	1.389	1.409	-1.4	87	0.00
80		1,2,4-Trimethylbenzene	1.493	1.583	-6.0	92	0.00
81		sec-Butylbenzene	1.866	1.874	-0.4	88	0.00
82		p-Isopropyltoluene	1.516	1.518	-0.1	89	0.00
83	M	1,3-Dichlorobenzene	0.766	0.786	-2.6	92	0.00
84	M	1,4-Dichlorobenzene	0.731	0.741	-1.4	91	0.00
85		n-Butylbenzene	1.126	1.061	5.8	91	0.00
86	T	Hexachloroethane	0.283	0.276	2.5	86	0.00
87	M	1,2-Dichlorobenzene	0.740	0.770	-4.1	89	0.00
88		1,2-Dibromo-3-Chloropropane	0.111	0.100	9.9	81	0.00
89		1,2,4-Trichlorobenzene	0.342	0.348	-1.8	98	0.00
90		Hexachlorobutadiene	0.203	0.228	-12.3	98	0.00
91	M	Naphthalene	0.951	0.889	6.5	98	0.00
92		1,2,3-Trichlorobenzene	0.336	0.348	-3.6	99	0.00

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