Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101322\
Data File : VN074891.D
Acq On : 13 Oct 2022 12:07
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Oct 14 05:03:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 13 07:52:24 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	90	0.00
2	M	Dichlorodifluoromethane	1.666	1.784	-7.1	94	0.00
3	M	Chloromethane	2.694	2.999	-11.3	95	0.00
4	M	Vinyl Chloride	3.967	4.170	-5.1	87	0.00
5	M	Bromomethane	3.146	3.319	-5.5	91	0.02
6	M	Chloroethane	2.975	3.416	-14.8	90	0.00
7	M	Trichlorofluoromethane	2.958	3.363	-13.7	97	0.00
8	T	Diethyl Ether	1.379	1.424	-3.3	86	-0.01
9		1,1,2-Trichlorotrifluoroeth	1.861	2.184	-17.4	100	0.01
10	M	1,1-Dichloroethene	1.831	1.935	-5.7	95	0.00
11		Methyl Iodide	2.285	2.323	-1.7	89	0.00
12		Methyl Acetate	4.413	4.410	0.1	88	0.00
13	M	Acrolein	0.624	0.639	-2.4	93	0.00
14	M	Acrylonitrile	1.646	1.735	-5.4	92	0.00
15	M	Acetone	0.451	0.569	-26.2#	110	0.00
16	M	Carbon Disulfide	4.704	4.825	-2.6	90	0.00
17		Allyl chloride	3.645	3.983	-9.3	88	0.00
18	M	Methylene Chloride	2.374	2.545	-7.2	92	0.00
19	M	trans-1,2-Dichloroethene	2.010	2.128	-5.9	96	0.00
20	T	Diisopropyl ether	8.509	8.726	-2.6	92	0.00
21	M	1,1-Dichloroethane	4.329	4.554	-5.2	92	0.00
22	M	cis-1,2-Dichloroethene	2.517	2.701	-7.3	96	0.00
23	M	tert-Butyl Alcohol	0.694	0.697	-0.4	89	-0.01
24	M	Methyl tert-Butyl Ether	7.646	8.136	-6.4	96	0.00
25	M	Chloroform	4.299	4.547	-5.8	98	0.00
26		Cyclohexane	3.803	4.257	-11.9	99	0.00
27	s	1,2-Dichloroethane-d4	2.809	3.034	-8.0	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29		1,1-Dichloropropene	0.541	0.552	-2.0	99	0.00
30	M	2-Butanone	0.432	0.448	-3.7	96	0.00
31		2,2-Dichloropropane	0.663	0.654	1.4	95	0.00
32	M	1,1,1-Trichloroethane	0.649	0.683	-5.2	99	0.00
33	M	Carbon Tetrachloride	0.533	0.537	-0.8	92	0.00
34	M	Benzene	1.789	1.823	-1.9	94	0.00
35		Methacrylonitrile	0.444	0.389	12.4	80	0.00
36	M	1,2-Dichloroethane	0.596	0.582	2.3	92	0.00
37	M	Trichloroethene	0.372	0.348	6.5	89	0.00
38		Methylcyclohexane	0.658	0.674	-2.4	101	0.00
39	M	1,2-Dichloropropane	0.464	0.468	-0.9	92	0.00
40		Dibromomethane	0.307	0.309	-0.7	95	0.00
41	M	Bromodichloromethane	0.599	0.602	-0.5	95	0.00
42	M	Vinyl Acetate	1.287	1.321	-2.6	93	0.00
43		Ethyl Acetate	0.840	0.789	6.1	90	0.00
44		Isopropyl Acetate	1.299	1.298	0.1	94	0.00
45	T	1,4-Dioxane	0.012	0.011	8.3	81	0.00
46		Methyl methacrylate	0.562	0.504	10.3	84	0.00
47		n-amyl Acetate	1.136	1.054	7.2	92	0.00
48	M	t-1,3-Dichloropropene	0.687	0.658	4.2	94	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.728	0.722	0.8	98	0.00
50	M	1,1,2-Trichloroethane	0.452	0.448	0.9	93	0.00
51		Ethyl methacrylate	0.769	0.739	3.9	96	0.00
52		1,3-Dichloropropane	0.781	0.785	-0.5	91	0.00
53	M	Dibromochloromethane	0.443	0.408	7.9	88	0.00
54	M	1,2-Dibromoethane	0.435	0.441	-1.4	100	0.00
55	M	2-Chloroethyl vinyl ether	0.301	0.285	5.3	96	0.00
56	M	Bromoform	0.319	0.284	11.0	95	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58	M	4-Methyl-2-Pentanone	0.933	0.907	2.8	91	0.00
59	M	2-Hexanone	0.718	0.685	4.6	88	0.00
60	S	4-Bromofluorobenzene	0.532	0.492	7.5	96	0.00
61	M	Tetrachloroethene	0.320	0.322	-0.6	95	0.00
62	M	Toluene	2.073	2.069	0.2	93	0.00
63	S	Toluene-d8	1.731	1.728	0.2	95	0.00
64	M	Chlorobenzene	1.178	1.168	0.8	92	0.00
65		1,1,1,2-Tetrachloroethane	0.444	0.421	5.2	90	0.00
66	M	Ethyl Benzene	2.254	2.180	3.3	93	0.00
67	M	m/p-Xylenes	0.847	0.832	1.8	94	0.00
68	M	o-Xylene	0.861	0.866	-0.6	98	0.00
69	M	Styrene	1.409	1.315	6.7	94	0.00
70		Isopropylbenzene	2.220	2.171	2.2	96	0.00
71	M	1,1,2,2-Tetrachloroethane	0.830	0.802	3.4	92	0.00
72		1,2,3-Trichloropropane	0.698	0.686	1.7	91	0.00
73		Bromobenzene	0.465	0.427	8.2	88	0.00
74		n-propylbenzene	2.588	2.494	3.6	96	0.00
75		2-Chlorotoluene	1.514	1.445	4.6	94	0.00
76		1,3,5-Trimethylbenzene	1.804	1.719	4.7	96	0.00
77		t-1,4-Dichloro-2-butene	0.290	0.264	9.0	93	0.00
78		4-Chlorotoluene	1.445	1.334	7.7	94	0.00
79		tert-butylbenzene	1.605	1.498	6.7	94	0.00
80		1,2,4-Trimethylbenzene	1.815	1.757	3.2	98	0.00
81		sec-Butylbenzene	2.306	2.226	3.5	97	0.00
82		p-Isopropyltoluene	1.832	1.723	5.9	96	0.00
83	M	1,3-Dichlorobenzene	0.908	0.817	10.0	92	0.00
84	M	1,4-Dichlorobenzene	0.872	0.812	6.9	95	0.00
85		n-Butylbenzene	1.617	1.513	6.4	98	0.00
86	T	Hexachloroethane	0.359	0.353	1.7	95	0.00
87	M	1,2-Dichlorobenzene	0.901	0.862	4.3	94	0.00
88		1,2-Dibromo-3-Chloropropane	0.168	0.149	11.3	89	0.00
89		1,2,4-Trichlorobenzene	0.412	0.385	6.6	99	0.00
90		Hexachlorobutadiene	0.201	0.189	6.0	97	0.00
91	M	Naphthalene	1.633	1.436	12.1	94	0.00
92		1,2,3-Trichlorobenzene	0.431	0.369	14.4	87	0.00

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