Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041822\
Data File : VN072028.D
Acq On : 18 Apr 2022 11:13
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 18 15:23:53 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	89	0.00
2	M	Dichlorodifluoromethane	1.867	2.059	-10.3	95	0.00
3	M	Chloromethane	2.201	2.108	4.2	85	0.00
4	M	Vinyl Chloride	2.524	2.113	16.3	76	0.00
5	M	Bromomethane	1.487	1.417	4.7	76	0.00
6	M	Chloroethane	1.616	1.280	20.8	72	0.00
7	M	Trichlorofluoromethane	2.943	3.003	-2.0	92	0.00
8	T	Diethyl Ether	1.236	1.179	4.6	87	0.00
9		1,1,2-Trichlorotrifluoroeth	1.762	1.876	-6.5	94	0.00
10	M	1,1-Dichloroethene	1.738	1.735	0.2	90	0.00
11		Methyl Iodide	2.547	2.439	4.2	88	0.00
12		Methyl Acetate	2.449	2.112	13.8	79	0.00
13	M	Acrolein	0.261	0.162	37.9#	59	0.00
14	M	Acrylonitrile	1.109	1.008	9.1	84	0.00
15	M	Acetone	0.319	0.404	-26.6	110	0.00
16	M	Carbon Disulfide	4.525	4.611	-1.9	94	0.00
17		Allyl chloride	2.819	2.435	13.6	79	0.00
18	M	Methylene Chloride	2.085	2.116	-1.5	92	0.00
19	M	trans-1,2-Dichloroethene	1.859	1.936	-4.1	95	0.00
20	T	Diisopropyl ether	5.898	5.571	5.5	84	0.00
21	M	1,1-Dichloroethane	3.561	3.417	4.0	87	0.00
22	M	cis-1,2-Dichloroethene	2.258	2.287	-1.3	92	0.00
23	M	tert-Butyl Alcohol	0.396	0.285	28.0	68	0.00
24	M	Methyl tert-Butyl Ether	6.273	5.979	4.7	86	0.00
25	M	Chloroform	3.582	3.607	-0.7	90	0.00
26		Cyclohexane	3.078	3.009	2.2	89	0.00
27	s	1,2-Dichloroethane-d4	2.114	1.910	9.6	80	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
29		1,1-Dichloropropene	0.486	0.510	-4.9	92	0.00
30	M	2-Butanone	0.270	0.263	2.6	84	0.00
31		2,2-Dichloropropane	0.553	0.543	1.8	85	0.00
32	M	1,1,1-Trichloroethane	0.566	0.577	-1.9	89	0.00
33	M	Carbon Tetrachloride	0.479	0.506	-5.6	91	0.00
34	M	Benzene	1.509	1.609	-6.6	91	0.00
35		Methacrylonitrile	0.259	0.247	4.6	79	0.00
36	M	1,2-Dichloroethane	0.526	0.494	6.1	81	0.00
37	M	Trichloroethene	0.389	0.406	-4.4	92	0.00
38		Methylcyclohexane	0.612	0.624	-2.0	89	0.00
39	M	1,2-Dichloropropane	0.377	0.388	-2.9	88	0.00
40		Dibromomethane	0.255	0.263	-3.1	89	0.00
41	M	Bromodichloromethane	0.511	0.521	-2.0	89	0.00
42	M	Vinyl Acetate	0.926	0.858	7.3	81	0.00
43		Ethyl Acetate	0.524	0.450	14.1	73	0.00
44		Isopropyl Acetate	0.841	0.735	12.6	79	0.00
45	T	1,4-Dioxane	0.008	0.008#	0.0	78	0.00
46		Methyl methacrylate	0.369	0.305	17.3	77	0.00
47		n-amyl Acetate	0.561	0.438	21.9	75	0.00
48	M	t-1,3-Dichloropropene	0.556	0.525	5.6	87	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.608	0.606	0.3	89	0.00
50	M	1,1,2-Trichloroethane	0.382	0.405	-6.0	92	0.00
51		Ethyl methacrylate	0.590	0.563	4.6	88	0.00
52		1,3-Dichloropropane	0.652	0.670	-2.8	88	0.00
53	M	Dibromochloromethane	0.395	0.413	-4.6	93	0.00
54	M	1,2-Dibromoethane	0.393	0.401	-2.0	90	0.00
55	M	2-Chloroethyl vinyl ether	0.159	0.133	16.4	75	0.00
56	M	Bromoform	0.305	0.318	-4.3	95	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58	M	4-Methyl-2-Pentanone	0.569	0.501	12.0	79	0.00
59	M	2-Hexanone	0.416	0.364	12.5	79	0.00
60	S	4-Bromofluorobenzene	0.445	0.435	2.2	87	0.00
61	M	Tetrachloroethene	0.365	0.407	-11.5	98	0.00
62	M	Toluene	1.819	1.932	-6.2	94	0.00
63	S	Toluene-d8	1.362	1.366	-0.3	86	0.00
64	M	Chlorobenzene	1.122	1.165	-3.8	94	0.00
65		1,1,1,2-Tetrachloroethane	0.412	0.424	-2.9	91	0.00
66	M	Ethyl Benzene	1.977	1.978	-0.1	91	0.00
67	M	m/p-Xylenes	0.769	0.803	-4.4	94	0.00
68	M	o-Xylene	0.764	0.771	-0.9	91	0.00
69	M	Styrene	1.203	1.205	-0.2	94	0.00
70		Isopropylbenzene	1.918	1.934	-0.8	91	0.00
71	M	1,1,2,2-Tetrachloroethane	0.624	0.624	0.0	87	0.00
72		1,2,3-Trichloropropane	0.536	0.452	15.7	73	0.00
73		Bromobenzene	0.468	0.475	-1.5	94	0.00
74		n-propylbenzene	2.094	2.129	-1.7	95	0.00
75		2-Chlorotoluene	1.308	1.325	-1.3	92	0.00
76		1,3,5-Trimethylbenzene	1.539	1.635	-6.2	95	0.00
77		t-1,4-Dichloro-2-butene	0.188	0.161	14.4	86	0.00
78		4-Chlorotoluene	1.222	1.227	-0.4	94	0.00
79		tert-butylbenzene	1.389	1.396	-0.5	91	0.00
80		1,2,4-Trimethylbenzene	1.493	1.564	-4.8	95	0.00
81		sec-Butylbenzene	1.866	1.900	-1.8	94	0.00
82		p-Isopropyltoluene	1.516	1.532	-1.1	95	0.00
83	M	1,3-Dichlorobenzene	0.766	0.791	-3.3	98	0.00
84	M	1,4-Dichlorobenzene	0.731	0.751	-2.7	98	0.00
85		n-Butylbenzene	1.126	1.057	6.1	95	0.00
86	T	Hexachloroethane	0.283	0.276	2.5	91	0.00
87	M	1,2-Dichlorobenzene	0.740	0.770	-4.1	94	0.00
88		1,2-Dibromo-3-Chloropropane	0.111	0.093	16.2	80	0.00
89		1,2,4-Trichlorobenzene	0.342	0.322	5.8	96	0.00
90		Hexachlorobutadiene	0.203	0.229	-12.8	104	0.00
91	M	Naphthalene	0.951	0.722	24.1	84	0.00
92		1,2,3-Trichlorobenzene	0.336	0.316	6.0	95	0.00

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