Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
Data File : VN069619.D
Acq On : 22 Nov 2021 19:10
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Nov 23 03:54:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 2021
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	101	0.00
2	M	Dichlorodifluoromethane	2.217	2.299	-3.7	91	0.00
3	M	Chloromethane	2.311	2.490	-7.7	97	0.00
4	M	Vinyl Chloride	2.344	2.392	-2.0	92	0.00
5	M	Bromomethane	1.501	1.382	7.9	83	0.00
6	M	Chloroethane	1.479	1.433	3.1	85	0.00
7	M	Trichlorofluoromethane	3.435	3.175	7.6	81	0.00
8	T	Diethyl Ether	1.084	1.117	-3.0	96	0.00
9		1,1,2-Trichlorotrifluoroeth	1.590	1.651	-3.8	94	-0.01
10	M	1,1-Dichloroethene	1.499	1.536	-2.5	95	-0.01
11		Methyl Iodide	2.089	2.158	-3.3	101	0.00
12		Methyl Acetate	4.318	4.497	-4.1	96	0.00
13	M	Acrolein	0.119	0.134	-12.6	117	0.00
14	M	Acrylonitrile	1.178	1.225	-4.0	102	0.00
15	M	Acetone	0.393	0.323	17.8	66	0.00
16	M	Carbon Disulfide	3.747	3.461	7.6	90	0.00
17		Allyl chloride	3.186	3.176	0.3	96	0.00
18	M	Methylene Chloride	1.910	1.929	-1.0	96	0.00
19	M	trans-1,2-Dichloroethene	1.645	1.669	-1.5	96	0.00
20	T	Diisopropyl ether	6.828	6.987	-2.3	98	0.00
21	M	1,1-Dichloroethane	3.464	3.604	-4.0	98	0.00
22	M	cis-1,2-Dichloroethene	2.040	2.038	0.1	94	0.00
23	M	tert-Butyl Alcohol	0.410	0.394	3.9	97	0.01
24	M	Methyl tert-Butyl Ether	6.008	6.001	0.1	95	0.00
25	M	Chloroform	3.581	4.116	-14.9	108	0.00
26		Cyclohexane	3.289	3.270	0.6	93	0.00
27	s	1,2-Dichloroethane-d4	2.602	2.741	-5.3	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29		1,1-Dichloropropene	0.458	0.457	0.2	92	0.00
30	M	2-Butanone	0.331	0.323	2.4	89	0.00
31		2,2-Dichloropropane	0.484	0.434	10.3	87	0.00
32	M	1,1,1-Trichloroethane	0.535	0.541	-1.1	96	0.00
33	M	Carbon Tetrachloride	0.442	0.439	0.7	95	0.00
34	M	Benzene	1.393	1.440	-3.4	96	0.00
35		Methacrylonitrile	0.304	0.301	1.0	98	0.00
36	M	1,2-Dichloroethane	0.537	0.568	-5.8	97	0.00
37	M	Trichloroethene	0.336	0.334	0.6	95	0.00
38		Methylcyclohexane	0.567	0.535	5.6	89	0.00
39	M	1,2-Dichloropropane	0.369	0.387	-4.9	98	0.00
40		Dibromomethane	0.247	0.248	-0.4	95	0.00
41	M	Bromodichloromethane	0.464	0.466	-0.4	99	0.00
42	M	Vinyl Acetate	0.937	0.941	-0.4	96	0.00
43		Ethyl Acetate	0.614	0.625	-1.8	101	0.00
44		Isopropyl Acetate	0.958	0.971	-1.4	98	0.00
45	T	1,4-Dioxane	0.008	0.007#	12.5	93	0.00
46		Methyl methacrylate	0.441	0.436	1.1	97	0.00
47		n-amyl Acetate	0.735	0.567	22.9	83	0.00
48	M	t-1,3-Dichloropropene	0.498	0.437	12.2	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.541	0.507	6.3	93	0.00
50	M	1,1,2-Trichloroethane	0.351	0.346	1.4	95	0.00
51		Ethyl methacrylate	0.588	0.539	8.3	93	0.00
52		1,3-Dichloropropane	0.606	0.614	-1.3	96	0.00
53	M	Dibromochloromethane	0.335	0.316	5.7	98	0.00
54	M	1,2-Dibromoethane	0.363	0.354	2.5	95	0.00
55	M	2-Chloroethyl vinyl ether	0.134	0.133	0.7	112	0.00
56	M	Bromoform	0.240	0.208	13.3	97	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58	M	4-Methyl-2-Pentanone	0.659	0.712	-8.0	99	0.00
59	M	2-Hexanone	0.501	0.482	3.8	88	0.00
60	S	4-Bromofluorobenzene	0.480	0.460	4.2	93	0.00
61	M	Tetrachloroethene	0.322	0.335	-4.0	93	0.00
62	M	Toluene	1.649	1.698	-3.0	92	0.00
63	S	Toluene-d8	1.385	1.434	-3.5	96	0.00
64	M	Chlorobenzene	0.989	0.975	1.4	91	0.00
65		1,1,1,2-Tetrachloroethane	0.348	0.357	-2.6	95	0.00
66	M	Ethyl Benzene	1.825	1.805	1.1	89	0.00
67	M	m/p-Xylenes	0.678	0.663	2.2	88	0.00
68	M	o-Xylene	0.679	0.660	2.8	88	0.00
69	M	Styrene	1.100	1.024	6.9	87	0.00
70		Isopropylbenzene	1.775	1.715	3.4	88	0.00
71	M	1,1,2,2-Tetrachloroethane	0.586	0.597	-1.9	95	0.00
72		1,2,3-Trichloropropane	0.570	0.520	8.8	87	0.00
73		Bromobenzene	0.409	0.394	3.7	91	0.00
74		n-propylbenzene	2.038	1.889	7.3	86	0.00
75		2-Chlorotoluene	1.241	1.178	5.1	88	0.00
76		1,3,5-Trimethylbenzene	1.457	1.403	3.7	88	0.00
77		t-1,4-Dichloro-2-butene	0.154	0.119	22.7	88	0.00
78		4-Chlorotoluene	1.188	1.097	7.7	87	0.00
79		tert-butylbenzene	1.281	1.204	6.0	89	0.00
80		1,2,4-Trimethylbenzene	1.421	1.333	6.2	86	0.00
81		sec-Butylbenzene	1.793	1.621	9.6	84	0.00
82		p-Isopropyltoluene	1.430	1.270	11.2	85	0.00
83	M	1,3-Dichlorobenzene	0.699	0.637	8.9	87	0.00
84	M	1,4-Dichlorobenzene	0.679	0.598	11.9	84	0.00
85		n-Butylbenzene	1.194	0.926	22.4	79	0.00
86	T	Hexachloroethane	0.237	0.211	11.0	92	0.00
87	M	1,2-Dichlorobenzene	0.675	0.632	6.4	87	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.093	9.7	95	0.00
89		1,2,4-Trichlorobenzene	0.324	0.236	27.2	80	0.00
90		Hexachlorobutadiene	0.175	0.172	1.7	94	0.00
91	M	Naphthalene	0.932	0.556	40.3#	71	0.00
92		1,2,3-Trichlorobenzene	0.318	0.232	27.0	79	0.00

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