Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100521\
Data File : VN068800.D
Acq On : 5 Oct 2021 13:12
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Oct 05 15:51:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 29 08:56:32 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	97	0.00
2	M	Dichlorodifluoromethane	1.330	1.185	10.9	80	0.00
3	M	Chloromethane	1.703	1.612	5.3	85	0.00
4	M	Vinyl Chloride	3.319	3.031	8.7	84	0.00
5	M	Bromomethane	3.222	3.211	0.3	98	0.00
6	M	Chloroethane	2.698	2.793	-3.5	94	0.00
7	M	Trichlorofluoromethane	2.769	2.705	2.3	88	0.00
8	T	Diethyl Ether	0.948	1.028	-8.4	101	0.00
9		1,1,2-Trichlorotrifluoroeth	1.603	1.542	3.8	88	0.00
10	M	1,1-Dichloroethene	1.479	1.359	8.1	85	0.00
11		Methyl Iodide	1.784	1.880	-5.4	101	0.00
12		Methyl Acetate	2.555	2.730	-6.8	98	0.00
13	M	Acrolein	0.107	0.088	17.8	77	0.00
14	M	Acrylonitrile	0.820	0.855	-4.3	99	0.00
15	M	Acetone	0.227	0.243	-7.0	90	0.00
16	M	Carbon Disulfide	4.006	3.505	12.5	81	0.00
17		Allyl chloride	2.351	2.271	3.4	88	0.00
18	M	Methylene Chloride	1.858	1.894	-1.9	95	0.00
19	M	trans-1,2-Dichloroethene	1.749	1.610	7.9	86	0.00
20	T	Diisopropyl ether	5.465	5.566	-1.8	96	0.00
21	M	1,1-Dichloroethane	3.173	3.182	-0.3	94	0.00
22	M	cis-1,2-Dichloroethene	2.128	2.101	1.3	96	0.00
23	M	tert-Butyl Alcohol	0.304	0.339	-11.5	104	0.00
24	M	Methyl tert-Butyl Ether	5.811	5.994	-3.1	98	0.00
25	M	Chloroform	3.741	3.853	-3.0	98	0.00
26		Cyclohexane	2.762	2.455	11.1	85	0.00
27	s	1,2-Dichloroethane-d4	2.312	2.465	-6.6	97	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
29		1,1-Dichloropropene	0.477	0.466	2.3	90	0.00
30	M	2-Butanone	0.214	0.237	-10.7	97	0.00
31		2,2-Dichloropropane	0.548	0.534	2.6	88	0.00
32	M	1,1,1-Trichloroethane	0.611	0.622	-1.8	92	0.00
33	M	Carbon Tetrachloride	0.543	0.544	-0.2	92	0.00
34	M	Benzene	1.414	1.481	-4.7	94	0.00
35		Methacrylonitrile	0.215	0.232	-7.9	93	0.00
36	M	1,2-Dichloroethane	0.529	0.602	-13.8	102	0.00
37	M	Trichloroethene	0.374	0.369	1.3	88	0.00
38		Methylcyclohexane	0.590	0.541	8.3	84	0.00
39	M	1,2-Dichloropropane	0.350	0.377	-7.7	96	0.00
40		Dibromomethane	0.277	0.313	-13.0	104	0.00
41	M	Bromodichloromethane	0.542	0.592	-9.2	101	0.00
42	M	Vinyl Acetate	0.793	0.854	-7.7	98	0.00
43		Ethyl Acetate	0.428	0.472	-10.3	106	0.00
44		Isopropyl Acetate	0.775	0.840	-8.4	98	0.00
45	T	1,4-Dioxane	0.006	0.008#	-33.3#	113	0.00
46		Methyl methacrylate	0.343	0.363	-5.8	101	0.00
47		n-amyl Acetate	0.657	0.678	-3.2	98	0.00
48	M	t-1,3-Dichloropropene	0.589	0.596	-1.2	94	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.602	0.617	-2.5	94	0.00
50	M	1,1,2-Trichloroethane	0.383	0.413	-7.8	98	0.00
51		Ethyl methacrylate	0.577	0.591	-2.4	97	0.00
52		1,3-Dichloropropane	0.620	0.684	-10.3	101	0.00
53	M	Dibromochloromethane	0.435	0.464	-6.7	102	0.00
54	M	1,2-Dibromoethane	0.402	0.424	-5.5	95	0.00
55	M	2-Chloroethyl vinyl ether	0.161	0.123	23.6	75	0.00
56	M	Bromoform	0.314	0.316	-0.6	100	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58	M	4-Methyl-2-Pentanone	0.506	0.555	-9.7	101	0.00
59	M	2-Hexanone	0.369	0.405	-9.8	98	0.00
60	S	4-Bromofluorobenzene	0.469	0.458	2.3	93	0.00
61	M	Tetrachloroethene	0.352	0.360	-2.3	94	0.00
62	M	Toluene	1.794	1.829	-2.0	93	0.00
63	S	Toluene-d8	1.356	1.392	-2.7	91	0.00
64	M	Chlorobenzene	1.101	1.126	-2.3	96	0.00
65		1,1,1,2-Tetrachloroethane	0.427	0.445	-4.2	97	0.00
66	M	Ethyl Benzene	2.021	1.996	1.2	93	0.00
67	M	m/p-Xylenes	0.780	0.768	1.5	93	0.00
68	M	o-Xylene	0.768	0.747	2.7	93	0.00
69	M	Styrene	1.268	1.248	1.6	96	0.00
70		Isopropylbenzene	2.037	1.962	3.7	92	0.00
71	M	1,1,2,2-Tetrachloroethane	0.574	0.639	-11.3	103	0.00
72		1,2,3-Trichloropropane	0.465	0.516	-11.0	99	0.00
73		Bromobenzene	0.461	0.458	0.7	97	0.00
74		n-propylbenzene	2.336	2.288	2.1	93	0.00
75		2-Chlorotoluene	1.363	1.357	0.4	95	0.00
76		1,3,5-Trimethylbenzene	1.682	1.656	1.5	93	0.00
77		t-1,4-Dichloro-2-butene	0.181	0.175	3.3	95	0.00
78		4-Chlorotoluene	1.350	1.311	2.9	93	0.00
79		tert-butylbenzene	1.469	1.421	3.3	94	0.00
80		1,2,4-Trimethylbenzene	1.668	1.625	2.6	93	0.00
81		sec-Butylbenzene	2.105	2.020	4.0	93	0.00
82		p-Isopropyltoluene	1.744	1.639	6.0	93	0.00
83	M	1,3-Dichlorobenzene	0.856	0.849	0.8	98	0.00
84	M	1,4-Dichlorobenzene	0.814	0.803	1.4	96	0.00
85		n-Butylbenzene	1.435	1.329	7.4	91	0.00
86	T	Hexachloroethane	0.328	0.319	2.7	96	0.00
87	M	1,2-Dichlorobenzene	0.791	0.817	-3.3	100	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.113	-9.7	98	0.00
89		1,2,4-Trichlorobenzene	0.389	0.360	7.5	89	0.00
90		Hexachlorobutadiene	0.194	0.192	1.0	92	0.00
91	M	Naphthalene	1.097	0.987	10.0	77	0.00
92		1,2,3-Trichlorobenzene	0.373	0.365	2.1	88	0.00

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