Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092821\
Data File : VN068732.D
Acq On : 28 Sep 2021 21:19
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Sep 29 05:18:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 29 05:13:39 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	94	0.00
2	M	Dichlorodifluoromethane	1.330	1.204	9.5	78	0.00
3	M	Chloromethane	1.703	1.785	-4.8	91	0.00
4	M	Vinyl Chloride	3.319	3.503	-5.5	94	0.00
5	M	Bromomethane	3.222	3.040	5.6	90	0.00
6	M	Chloroethane	2.698	2.863	-6.1	93	0.00
7	M	Trichlorofluoromethane	2.769	2.745	0.9	86	0.00
8	T	Diethyl Ether	0.948	0.950	-0.2	90	0.00
9		1,1,2-Trichlorotrifluoroeth	1.603	1.490	7.0	82	0.00
10	M	1,1-Dichloroethene	1.479	1.438	2.8	87	0.00
11		Methyl Iodide	1.784	1.646	7.7	85	0.00
12		Methyl Acetate	2.555	2.523	1.3	87	0.00
13	M	Acrolein	0.107	0.094	12.1	80	0.00
14	M	Acrylonitrile	0.820	0.811	1.1	90	0.00
15	M	Acetone	0.227	0.216	4.8	78	0.00
16	M	Carbon Disulfide	4.006	3.781	5.6	84	0.00
17		Allyl chloride	2.351	2.266	3.6	85	0.00
18	M	Methylene Chloride	1.858	1.863	-0.3	90	0.00
19	M	trans-1,2-Dichloroethene	1.749	1.657	5.3	85	0.00
20	T	Diisopropyl ether	5.465	5.357	2.0	89	0.00
21	M	1,1-Dichloroethane	3.173	3.186	-0.4	91	0.00
22	M	cis-1,2-Dichloroethene	2.128	2.047	3.8	90	0.00
23	M	tert-Butyl Alcohol	0.304	0.302	0.7	89	0.00
24	M	Methyl tert-Butyl Ether	5.811	5.631	3.1	89	0.00
25	M	Chloroform	3.741	3.712	0.8	91	0.00
26		Cyclohexane	2.762	2.583	6.5	86	0.00
27	s	1,2-Dichloroethane-d4	2.312	2.429	-5.1	93	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29		1,1-Dichloropropene	0.477	0.443	7.1	89	0.00
30	M	2-Butanone	0.214	0.204	4.7	87	0.00
31		2,2-Dichloropropane	0.548	0.463	15.5	79	0.00
32	M	1,1,1-Trichloroethane	0.611	0.583	4.6	89	0.00
33	M	Carbon Tetrachloride	0.543	0.508	6.4	89	0.00
34	M	Benzene	1.414	1.363	3.6	90	0.00
35		Methacrylonitrile	0.215	0.186	13.5	78	0.00
36	M	1,2-Dichloroethane	0.529	0.515	2.6	90	0.00
37	M	Trichloroethene	0.374	0.354	5.3	87	0.00
38		Methylcyclohexane	0.590	0.526	10.8	84	0.00
39	M	1,2-Dichloropropane	0.350	0.342	2.3	90	0.00
40		Dibromomethane	0.277	0.269	2.9	92	0.00
41	M	Bromodichloromethane	0.542	0.528	2.6	93	0.00
42	M	Vinyl Acetate	0.793	0.755	4.8	90	0.00
43		Ethyl Acetate	0.428	0.418	2.3	97	0.00
44		Isopropyl Acetate	0.775	0.764	1.4	92	0.00
45	T	1,4-Dioxane	0.006	0.006#	0.0	87	0.00
46		Methyl methacrylate	0.343	0.328	4.4	95	0.00
47		n-amyl Acetate	0.657	0.581	11.6	87	0.00
48	M	t-1,3-Dichloropropene	0.589	0.530	10.0	87	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.602	0.549	8.8	87	0.00
50	M	1,1,2-Trichloroethane	0.383	0.372	2.9	91	0.00
51		Ethyl methacrylate	0.577	0.533	7.6	91	0.00
52		1,3-Dichloropropane	0.620	0.600	3.2	92	0.00
53	M	Dibromochloromethane	0.435	0.402	7.6	91	0.00
54	M	1,2-Dibromoethane	0.402	0.385	4.2	89	0.00
55	M	2-Chloroethyl vinyl ether	0.161	0.138	14.3	87	0.00
56	M	Bromoform	0.314	0.264	15.9	86	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58	M	4-Methyl-2-Pentanone	0.506	0.521	-3.0	94	0.00
59	M	2-Hexanone	0.369	0.365	1.1	88	0.00
60	S	4-Bromofluorobenzene	0.469	0.439	6.4	88	0.00
61	M	Tetrachloroethene	0.352	0.350	0.6	91	0.00
62	M	Toluene	1.794	1.765	1.6	89	0.00
63	S	Toluene-d8	1.356	1.442	-6.3	93	0.00
64	M	Chlorobenzene	1.101	1.046	5.0	88	0.00
65		1,1,1,2-Tetrachloroethane	0.427	0.417	2.3	90	0.00
66	M	Ethyl Benzene	2.021	1.902	5.9	88	0.00
67	M	m/p-Xylenes	0.780	0.729	6.5	88	0.00
68	M	o-Xylene	0.768	0.704	8.3	87	0.00
69	M	Styrene	1.268	1.149	9.4	88	0.00
70		Isopropylbenzene	2.037	1.870	8.2	87	0.00
71	M	1,1,2,2-Tetrachloroethane	0.574	0.555	3.3	89	0.00
72		1,2,3-Trichloropropane	0.465	0.428	8.0	82	0.00
73		Bromobenzene	0.461	0.418	9.3	88	0.00
74		n-propylbenzene	2.336	2.099	10.1	85	0.00
75		2-Chlorotoluene	1.363	1.248	8.4	87	0.00
76		1,3,5-Trimethylbenzene	1.682	1.538	8.6	86	0.00
77		t-1,4-Dichloro-2-butene	0.181	0.149	17.7	81	0.00
78		4-Chlorotoluene	1.350	1.190	11.9	84	0.00
79		tert-butylbenzene	1.469	1.337	9.0	88	0.00
80		1,2,4-Trimethylbenzene	1.668	1.503	9.9	85	0.00
81		sec-Butylbenzene	2.105	1.882	10.6	86	0.00
82		p-Isopropyltoluene	1.744	1.499	14.0	84	0.00
83	M	1,3-Dichlorobenzene	0.856	0.734	14.3	84	0.00
84	M	1,4-Dichlorobenzene	0.814	0.707	13.1	84	0.00
85		n-Butylbenzene	1.435	1.216	15.3	83	0.00
86	T	Hexachloroethane	0.328	0.289	11.9	86	0.00
87	M	1,2-Dichlorobenzene	0.791	0.713	9.9	86	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.099	3.9	85	0.00
89		1,2,4-Trichlorobenzene	0.389	0.310	20.3	76	0.00
90		Hexachlorobutadiene	0.194	0.172	11.3	82	0.00
91	M	Naphthalene	1.097	0.831	24.2	65	0.00
92		1,2,3-Trichlorobenzene	0.373	0.302	19.0	73	0.00

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