Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090821\
Data File : VN068435.D
Acq On : 8 Sep 2021 15:31
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Sep 09 03:32:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 03 13:24:01 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	80	0.00
2	M	Dichlorodifluoromethane	1.519	1.155	24.0	56	0.00
3	M	Chloromethane	1.374	1.124	18.2	60	0.00
4	M	Vinyl Chloride	2.048	1.836	10.4	64	0.00
5	M	Bromomethane	1.878	1.914	-1.9	72	0.00
6	M	Chloroethane	1.461	1.427	2.3	70	0.00
7	M	Trichlorofluoromethane	2.801	2.402	14.2	64	0.00
8	T	Diethyl Ether	0.890	0.728	18.2	62	0.00
9		1,1,2-Trichlorotrifluoroeth	1.593	1.313	17.6	62	0.00
10	M	1,1-Dichloroethene	1.496	1.197	20.0	61	0.00
11		Methyl Iodide	2.407	1.750	27.3	58	0.00
12		Methyl Acetate	1.506	1.313	12.8	66	0.00
13	M	Acrolein	0.135	0.132	2.2	82	0.00
14	M	Acrylonitrile	0.611	0.499	18.3	62	0.00
15	M	Acetone	0.180	0.133	26.1	50	0.00
16	M	Carbon Disulfide	3.910	3.112	20.4	61	0.00
17		Allyl chloride	1.833	1.553	15.3	62	0.00
18	M	Methylene Chloride	1.638	1.385	15.4	64	0.00
19	M	trans-1,2-Dichloroethene	1.668	1.336	19.9	62	0.00
20	T	Diisopropyl ether	4.006	3.390	15.4	62	0.00
21	M	1,1-Dichloroethane	2.649	2.200	16.9	62	0.00
22	M	cis-1,2-Dichloroethene	1.938	1.593	17.8	65	0.00
23	M	tert-Butyl Alcohol	0.224	0.207	7.6	71	0.00
24	M	Methyl tert-Butyl Ether	4.862	4.007	17.6	62	0.00
25	M	Chloroform	3.112	2.661	14.5	65	0.00
26		Cyclohexane	2.321	1.908	17.8	61	0.00
27	s	1,2-Dichloroethane-d4	1.779	1.959	-10.1	84	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
29		1,1-Dichloropropene	0.430	0.353	17.9	64	0.00
30	M	2-Butanone	0.154	0.121	21.4	61	0.00
31		2,2-Dichloropropane	0.490	0.373	23.9	60	0.00
32	M	1,1,1-Trichloroethane	0.565	0.463	18.1	64	0.00
33	M	Carbon Tetrachloride	0.522	0.424	18.8	65	0.00
34	M	Benzene	1.272	1.030	19.0	64	0.00
35		Methacrylonitrile	0.150	0.112	25.3	62	0.00
36	M	1,2-Dichloroethane	0.426	0.362	15.0	65	0.00
37	M	Trichloroethene	0.407	0.326	19.9	64	0.00
38		Methylcyclohexane	0.559	0.441	21.1	62	0.00
39	M	1,2-Dichloropropane	0.302	0.242	19.9	63	0.00
40		Dibromomethane	0.239	0.198	17.2	65	0.00
41	M	Bromodichloromethane	0.461	0.383	16.9	65	0.00
42	M	Vinyl Acetate	0.582	0.460	21.0	62	0.00
43		Ethyl Acetate	0.306	0.253	17.3	67	0.00
44		Isopropyl Acetate	0.556	0.453	18.5	63	0.00
45	T	1,4-Dioxane	0.005	0.004#	20.0	74	0.00
46		Methyl methacrylate	0.235	0.181	23.0	58	0.00
47		n-amyl Acetate	0.381	0.281	26.2	60	0.00
48	M	t-1,3-Dichloropropene	0.454	0.357	21.4	63	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.500	0.399	20.2	64	0.00
50	M	1,1,2-Trichloroethane	0.337	0.279	17.2	65	0.00
51		Ethyl methacrylate	0.433	0.333	23.1	61	0.00
52		1,3-Dichloropropane	0.508	0.413	18.7	62	0.00
53	M	Dibromochloromethane	0.406	0.324	20.2	64	0.00
54	M	1,2-Dibromoethane	0.352	0.287	18.5	65	0.00
55	M	2-Chloroethyl vinyl ether	0.039	0.022#	43.6#	71	0.00
56	M	Bromoform	0.310	0.232	25.2	62	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
58	M	4-Methyl-2-Pentanone	0.349	0.292	16.3	64	0.00
59	M	2-Hexanone	0.242	0.190	21.5	61	0.00
60	S	4-Bromofluorobenzene	0.425	0.438	-3.1	83	0.00
61	M	Tetrachloroethene	0.464	0.368	20.7	63	0.00
62	M	Toluene	1.646	1.335	18.9	64	0.00
63	S	Toluene-d8	1.336	1.374	-2.8	83	0.00
64	M	Chlorobenzene	1.061	0.851	19.8	64	0.00
65		1,1,1,2-Tetrachloroethane	0.425	0.341	19.8	63	0.00
66	M	Ethyl Benzene	1.772	1.424	19.6	63	0.00
67	M	m/p-Xylenes	0.727	0.590	18.8	63	0.00
68	M	o-Xylene	0.704	0.564	19.9	63	0.00
69	M	Styrene	1.111	0.875	21.2	63	0.00
70		Isopropylbenzene	1.813	1.476	18.6	64	0.00
71	M	1,1,2,2-Tetrachloroethane	0.464	0.384	17.2	63	0.00
72		1,2,3-Trichloropropane	0.380	0.281	26.1	56	0.00
73		Bromobenzene	0.502	0.383	23.7	62	0.00
74		n-propylbenzene	1.958	1.580	19.3	63	0.00
75		2-Chlorotoluene	1.162	0.958	17.6	64	0.00
76		1,3,5-Trimethylbenzene	1.500	1.234	17.7	63	0.00
77		t-1,4-Dichloro-2-butene	0.115	0.081	29.6	60	0.00
78		4-Chlorotoluene	1.139	0.927	18.6	64	0.00
79		tert-butylbenzene	1.371	1.118	18.5	64	0.00
80		1,2,4-Trimethylbenzene	1.457	1.179	19.1	62	0.00
81		sec-Butylbenzene	1.840	1.485	19.3	63	0.00
82		p-Isopropyltoluene	1.584	1.227	22.5	61	0.00
83	M	1,3-Dichlorobenzene	0.886	0.696	21.4	62	0.00
84	M	1,4-Dichlorobenzene	0.854	0.645	24.5	61	0.00
85		n-Butylbenzene	1.181	0.855	27.6	61	0.00
86	T	Hexachloroethane	0.268	0.212	20.9	64	0.00
87	M	1,2-Dichlorobenzene	0.842	0.655	22.2	62	0.00
88		1,2-Dibromo-3-Chloropropane	0.080	0.064	20.0	67	0.00
89		1,2,4-Trichlorobenzene	0.452	0.272	39.8#	57	0.00
90		Hexachlorobutadiene	0.266	0.179	32.7#	58	0.00
91	M	Naphthalene	0.956	0.498	47.9#	53	0.00
92		1,2,3-Trichlorobenzene	0.430	0.251	41.6#	56	0.00

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