Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
Data File : VN068690.D
Acq On : 26 Sep 2021 1:58
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVU092521

Quant Time: Sep 27 07:15:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 27 07:10:18 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	125	0.00
2	M	Dichlorodifluoromethane	1.659	2.010	-21.2	140	0.00
3	M	Chloromethane	2.197	2.981	-35.7#	161#	0.00
4	M	Vinyl Chloride	2.525	3.260	-29.1	144	0.00
5	M	Bromomethane	1.648	1.956	-18.7	133	0.00
6	M	Chloroethane	1.732	1.965	-13.5	128	0.00
7	M	Trichlorofluoromethane	2.997	3.684	-22.9	144	0.00
8	T	Diethyl Ether	1.079	1.303	-20.8	148	0.00
9		1,1,2-Trichlorotrifluoroeth	1.622	1.925	-18.7	140	0.00
10	M	1,1-Dichloroethene	1.561	1.824	-16.8	141	0.00
11		Methyl Iodide	1.988	2.018	-1.5	126	0.00
12		Methyl Acetate	3.360	3.968	-18.1	144	0.00
13	M	Acrolein	0.103	0.136	-32.0#	182#	0.00
14	M	Acrylonitrile	0.986	1.161	-17.7	143	0.00
15	M	Acetone	0.244	0.288	-18.0	141	0.00
16	M	Carbon Disulfide	4.617	5.418	-17.3	143	0.00
17		Allyl chloride	3.041	3.626	-19.2	149	0.00
18	M	Methylene Chloride	1.906	2.217	-16.3	142	0.00
19	M	trans-1,2-Dichloroethene	1.731	2.006	-15.9	139	0.00
20	T	Diisopropyl ether	6.558	7.845	-19.6	147	0.00
21	M	1,1-Dichloroethane	3.508	4.101	-16.9	140	0.00
22	M	cis-1,2-Dichloroethene	2.043	2.109	-3.2	126	0.00
23	M	tert-Butyl Alcohol	0.331	0.409	-23.6	153#	0.00
24	M	Methyl tert-Butyl Ether	5.872	7.051	-20.1	147	0.00
25	M	Chloroform	3.679	3.778	-2.7	127	0.00
26		Cyclohexane	3.412	3.211	5.9	126	0.00
27	s	1,2-Dichloroethane-d4	2.466	2.745	-11.3	139	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	126	0.00
29		1,1-Dichloropropene	0.506	0.474	6.3	124	0.00
30	M	2-Butanone	0.255	0.265	-3.9	132	0.00
31		2,2-Dichloropropane	0.423	0.422	0.2	127	0.00
32	M	1,1,1-Trichloroethane	0.620	0.595	4.0	132	0.00
33	M	Carbon Tetrachloride	0.539	0.522	3.2	129	0.00
34	M	Benzene	1.480	1.422	3.9	124	0.00
35		Methacrylonitrile	0.275	0.264	4.0	124	0.00
36	M	1,2-Dichloroethane	0.574	0.580	-1.0	137	0.00
37	M	Trichloroethene	0.364	0.343	5.8	120	0.00
38		Methylcyclohexane	0.584	0.553	5.3	124	0.00
39	M	1,2-Dichloropropane	0.390	0.368	5.6	123	0.00
40		Dibromomethane	0.279	0.256	8.2	125	0.00
41	M	Bromodichloromethane	0.562	0.517	8.0	127	0.00
42	M	Vinyl Acetate	0.927	1.083	-16.8	147	0.00
43		Ethyl Acetate	0.563	0.544	3.4	131	0.00
44		Isopropyl Acetate	0.980	0.939	4.2	130	0.00
45	T	1,4-Dioxane	0.006	0.006#	0.0	121	0.00
46		Methyl methacrylate	0.449	0.409	8.9	139	0.00
47		n-amyl Acetate	0.888	0.672	24.3	135	0.00
48	M	t-1,3-Dichloropropene	0.681	0.541	20.6	130	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.689	0.559	18.9	126	0.00
50	M	1,1,2-Trichloroethane	0.454	0.349	23.1	122	0.00
51		Ethyl methacrylate	0.761	0.574	24.6	133	0.00
52		1,3-Dichloropropane	0.788	0.607	23.0	126	0.00
53	M	Dibromochloromethane	0.493	0.384	22.1	127	0.00
54	M	1,2-Dibromoethane	0.468	0.369	21.2	128	0.00
55	M	2-Chloroethyl vinyl ether	0.170	0.106	37.6#	115	0.00
56	M	Bromoform	0.331	0.258	22.1	123	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	129	0.00
58	M	4-Methyl-2-Pentanone	0.585	0.612	-4.6	131	0.00
59	M	2-Hexanone	0.447	0.435	2.7	133	0.00
60	S	4-Bromofluorobenzene	0.458	0.471	-2.8	134	0.00
61	M	Tetrachloroethene	0.349	0.340	2.6	121	0.00
62	M	Toluene	1.638	1.716	-4.8	128	0.00
63	S	Toluene-d8	1.328	1.435	-8.1	130	0.00
64	M	Chlorobenzene	1.050	1.015	3.3	126	0.00
65		1,1,1,2-Tetrachloroethane	0.393	0.392	0.3	129	0.00
66	M	Ethyl Benzene	1.898	1.858	2.1	130	0.00
67	M	m/p-Xylenes	0.712	0.699	1.8	128	0.00
68	M	o-Xylene	0.690	0.682	1.2	127	0.00
69	M	Styrene	1.107	1.079	2.5	128	0.00
70		Isopropylbenzene	1.763	1.788	-1.4	131	0.00
71	M	1,1,2,2-Tetrachloroethane	0.532	0.531	0.2	124	0.00
72		1,2,3-Trichloropropane	0.495	0.491	0.8	130	0.00
73		Bromobenzene	0.396	0.394	0.5	124	0.00
74		n-propylbenzene	2.001	1.994	0.3	129	0.00
75		2-Chlorotoluene	1.202	1.212	-0.8	130	0.00
76		1,3,5-Trimethylbenzene	1.414	1.466	-3.7	130	0.00
77		t-1,4-Dichloro-2-butene	0.159	0.145	8.8	124	0.00
78		4-Chlorotoluene	1.140	1.160	-1.8	132	0.00
79		tert-butylbenzene	1.220	1.278	-4.8	130	0.00
80		1,2,4-Trimethylbenzene	1.341	1.416	-5.6	129	0.00
81		sec-Butylbenzene	1.673	1.734	-3.6	128	0.00
82		p-Isopropyltoluene	1.336	1.389	-4.0	127	0.00
83	M	1,3-Dichlorobenzene	0.655	0.682	-4.1	125	0.00
84	M	1,4-Dichlorobenzene	0.634	0.666	-5.0	128	0.00
85		n-Butylbenzene	1.105	1.111	-0.5	130	0.00
86	T	Hexachloroethane	0.262	0.272	-3.8	126	0.00
87	M	1,2-Dichlorobenzene	0.638	0.671	-5.2	127	0.00
88		1,2-Dibromo-3-Chloropropane	0.095	0.104	-9.5	134	0.00
89		1,2,4-Trichlorobenzene	0.316	0.316	0.0	127	0.00
90		Hexachlorobutadiene	0.163	0.166	-1.8	117	0.00
91	M	Naphthalene	0.865	0.906	-4.7	143	0.00
92		1,2,3-Trichlorobenzene	0.303	0.317	-4.6	128	0.00

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