Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092821\
Data File : VN068726.D
Acq On : 28 Sep 2021 17:58
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN092821

Quant Time: Sep 29 08:58:33 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	103	0.00
2	M	Dichlorodifluoromethane	1.330	1.238	6.9	88	0.00
3	M	Chloromethane	1.703	1.753	-2.9	98	0.00
4	M	Vinyl Chloride	3.319	3.396	-2.3	100	0.00
5	M	Bromomethane	3.222	3.020	6.3	98	0.00
6	M	Chloroethane	2.698	2.695	0.1	96	0.00
7	M	Trichlorofluoromethane	2.769	2.751	0.7	95	0.00
8	T	Diethyl Ether	0.948	0.993	-4.7	104	0.00
9		1,1,2-Trichlorotrifluoroeth	1.603	1.588	0.9	96	0.00
10	M	1,1-Dichloroethene	1.479	1.473	0.4	97	0.00
11		Methyl Iodide	1.784	1.613	9.6	92	0.00
12		Methyl Acetate	2.555	2.727	-6.7	103	0.00
13	M	Acrolein	0.107	0.104	2.8	97	0.00
14	M	Acrylonitrile	0.820	0.881	-7.4	108	0.00
15	M	Acetone	0.227	0.239	-5.3	95	0.00
16	M	Carbon Disulfide	4.006	3.988	0.4	97	0.00
17		Allyl chloride	2.351	2.401	-2.1	99	0.00
18	M	Methylene Chloride	1.858	1.903	-2.4	101	0.00
19	M	trans-1,2-Dichloroethene	1.749	1.713	2.1	97	0.00
20	T	Diisopropyl ether	5.465	5.501	-0.7	100	0.00
21	M	1,1-Dichloroethane	3.173	3.251	-2.5	102	0.00
22	M	cis-1,2-Dichloroethene	2.128	2.099	1.4	101	0.00
23	M	tert-Butyl Alcohol	0.304	0.323	-6.3	105	0.00
24	M	Methyl tert-Butyl Ether	5.811	5.877	-1.1	102	0.00
25	M	Chloroform	3.741	3.773	-0.9	102	0.00
26		Cyclohexane	2.762	2.669	3.4	98	0.00
27	s	1,2-Dichloroethane-d4	2.312	2.440	-5.5	102	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.477	0.441	7.5	99	0.00
30	M	2-Butanone	0.214	0.216	-0.9	103	0.00
31		2,2-Dichloropropane	0.548	0.529	3.5	101	0.00
32	M	1,1,1-Trichloroethane	0.611	0.592	3.1	101	0.00
33	M	Carbon Tetrachloride	0.543	0.518	4.6	102	0.00
34	M	Benzene	1.414	1.367	3.3	101	0.00
35		Methacrylonitrile	0.215	0.220	-2.3	103	0.00
36	M	1,2-Dichloroethane	0.529	0.518	2.1	102	0.00
37	M	Trichloroethene	0.374	0.356	4.8	99	0.00
38		Methylcyclohexane	0.590	0.543	8.0	98	0.00
39	M	1,2-Dichloropropane	0.350	0.345	1.4	102	0.00
40		Dibromomethane	0.277	0.262	5.4	101	0.00
41	M	Bromodichloromethane	0.542	0.525	3.1	104	0.00
42	M	Vinyl Acetate	0.793	0.769	3.0	103	0.00
43		Ethyl Acetate	0.428	0.397	7.2	104	0.00
44		Isopropyl Acetate	0.775	0.773	0.3	105	0.00
45	T	1,4-Dioxane	0.006	0.006#	0.0	100	0.00
46		Methyl methacrylate	0.343	0.321	6.4	104	0.00
47		n-amyl Acetate	0.657	0.613	6.7	103	0.00
48	M	t-1,3-Dichloropropene	0.589	0.544	7.6	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.602	0.565	6.1	100	0.00
50	M	1,1,2-Trichloroethane	0.383	0.367	4.2	101	0.00
51		Ethyl methacrylate	0.577	0.538	6.8	103	0.00
52		1,3-Dichloropropane	0.620	0.587	5.3	101	0.00
53	M	Dibromochloromethane	0.435	0.396	9.0	101	0.00
54	M	1,2-Dibromoethane	0.402	0.378	6.0	99	0.00
55	M	2-Chloroethyl vinyl ether	0.161	0.143	11.2	101	0.00
56	M	Bromoform	0.314	0.273	13.1	100	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58	M	4-Methyl-2-Pentanone	0.506	0.515	-1.8	105	0.00
59	M	2-Hexanone	0.369	0.377	-2.2	102	0.00
60	S	4-Bromofluorobenzene	0.469	0.452	3.6	103	0.00
61	M	Tetrachloroethene	0.352	0.335	4.8	98	0.00
62	M	Toluene	1.794	1.748	2.6	100	0.00
63	S	Toluene-d8	1.356	1.385	-2.1	101	0.00
64	M	Chlorobenzene	1.101	1.046	5.0	99	0.00
65		1,1,1,2-Tetrachloroethane	0.427	0.409	4.2	100	0.00
66	M	Ethyl Benzene	2.021	1.914	5.3	99	0.00
67	M	m/p-Xylenes	0.780	0.726	6.9	99	0.00
68	M	o-Xylene	0.768	0.717	6.6	100	0.00
69	M	Styrene	1.268	1.160	8.5	100	0.00
70		Isopropylbenzene	2.037	1.907	6.4	100	0.00
71	M	1,1,2,2-Tetrachloroethane	0.574	0.581	-1.2	105	0.00
72		1,2,3-Trichloropropane	0.465	0.473	-1.7	102	0.00
73		Bromobenzene	0.461	0.426	7.6	101	0.00
74		n-propylbenzene	2.336	2.165	7.3	99	0.00
75		2-Chlorotoluene	1.363	1.285	5.7	101	0.00
76		1,3,5-Trimethylbenzene	1.682	1.578	6.2	99	0.00
77		t-1,4-Dichloro-2-butene	0.181	0.160	11.6	98	0.00
78		4-Chlorotoluene	1.350	1.232	8.7	98	0.00
79		tert-butylbenzene	1.469	1.360	7.4	100	0.00
80		1,2,4-Trimethylbenzene	1.668	1.555	6.8	99	0.00
81		sec-Butylbenzene	2.105	1.935	8.1	100	0.00
82		p-Isopropyltoluene	1.744	1.554	10.9	98	0.00
83	M	1,3-Dichlorobenzene	0.856	0.769	10.2	99	0.00
84	M	1,4-Dichlorobenzene	0.814	0.735	9.7	98	0.00
85		n-Butylbenzene	1.435	1.260	12.2	97	0.00
86	T	Hexachloroethane	0.328	0.303	7.6	102	0.00
87	M	1,2-Dichlorobenzene	0.791	0.734	7.2	100	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.104	-1.0	101	0.00
89		1,2,4-Trichlorobenzene	0.389	0.340	12.6	94	0.00
90		Hexachlorobutadiene	0.194	0.173	10.8	93	0.00
91	M	Naphthalene	1.097	1.004	8.5	88	0.00
92		1,2,3-Trichlorobenzene	0.373	0.334	10.5	90	0.00

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