Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092721\
Data File : VN068705.D
Acq On : 27 Sep 2021 15:40
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN092721

Quant Time: Sep 28 05:28:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092721W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 27 14:37:57 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	109	0.00
2	M	Dichlorodifluoromethane	1.743	1.907	-9.4	119	0.00
3	M	Chloromethane	2.232	2.387	-6.9	114	0.00
4	M	Vinyl Chloride	2.753	2.738	0.5	109	0.00
5	M	Bromomethane	1.905	1.978	-3.8	120	0.00
6	M	Chloroethane	2.011	1.989	1.1	108	0.00
7	M	Trichlorofluoromethane	3.230	3.269	-1.2	110	0.00
8	T	Diethyl Ether	1.151	1.132	1.7	110	0.00
9		1,1,2-Trichlorotrifluoroeth	1.783	1.821	-2.1	111	0.00
10	M	1,1-Dichloroethene	1.646	1.663	-1.0	113	0.00
11		Methyl Iodide	2.108	1.962	6.9	110	0.00
12		Methyl Acetate	3.500	3.382	3.4	108	0.00
13	M	Acrolein	0.109	0.110	-0.9	144	0.00
14	M	Acrylonitrile	1.051	1.019	3.0	108	0.00
15	M	Acetone	0.287	0.311	-8.4	116	0.00
16	M	Carbon Disulfide	4.638	4.503	2.9	110	0.00
17		Allyl chloride	3.275	3.223	1.6	111	0.00
18	M	Methylene Chloride	2.017	2.128	-5.5	119	0.00
19	M	trans-1,2-Dichloroethene	1.828	1.810	1.0	108	0.00
20	T	Diisopropyl ether	7.207	6.924	3.9	99	0.00
21	M	1,1-Dichloroethane	3.800	3.671	3.4	99	0.00
22	M	cis-1,2-Dichloroethene	2.214	2.197	0.8	109	0.00
23	M	tert-Butyl Alcohol	0.347	0.344	0.9	113	0.00
24	M	Methyl tert-Butyl Ether	6.448	6.205	3.8	104	0.00
25	M	Chloroform	4.092	4.695	-14.7	135	0.00
26		Cyclohexane	3.453	3.258	5.6	110	0.00
27	s	1,2-Dichloroethane-d4	2.769	2.506	9.5	105	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
29		1,1-Dichloropropene	0.577	0.516	10.6	115	0.00
30	M	2-Butanone	0.277	0.278	-0.4	107	0.00
31		2,2-Dichloropropane	0.587	0.582	0.9	109	0.00
32	M	1,1,1-Trichloroethane	0.660	0.601	8.9	110	0.00
33	M	Carbon Tetrachloride	0.620	0.547	11.8	111	0.00
34	M	Benzene	1.560	1.530	1.9	114	0.00
35		Methacrylonitrile	0.281	0.246	12.5	95	0.00
36	M	1,2-Dichloroethane	0.608	0.585	3.8	111	0.00
37	M	Trichloroethene	0.388	0.384	1.0	113	0.00
38		Methylcyclohexane	0.713	0.613	14.0	114	0.00
39	M	1,2-Dichloropropane	0.451	0.406	10.0	113	0.00
40		Dibromomethane	0.310	0.273	11.9	97	0.00
41	M	Bromodichloromethane	0.621	0.556	10.5	101	0.00
42	M	Vinyl Acetate	1.011	0.966	4.5	98	0.00
43		Ethyl Acetate	0.536	0.523	2.4	112	0.00
44		Isopropyl Acetate	0.996	0.967	2.9	109	0.00
45	T	1,4-Dioxane	0.007	0.006#	14.3	98	0.00
46		Methyl methacrylate	0.517	0.423	18.2	90	0.00
47		n-amyl Acetate	0.909	0.704	22.6	114	0.00
48	M	t-1,3-Dichloropropene	0.669	0.672	-0.4	127	0.00

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49	T	cis-1,3-Dichloropropene	0.689	0.645	6.4	113	0.00
50	M	1,1,2-Trichloroethane	0.414	0.384	7.2	115	0.00
51		Ethyl methacrylate	0.652	0.627	3.8	119	0.00
52		1,3-Dichloropropane	0.674	0.673	0.1	116	0.00
53	M	Dibromochloromethane	0.486	0.410	15.6	98	0.00
54	M	1,2-Dibromoethane	0.429	0.395	7.9	115	0.00
55	M	2-Chloroethyl vinyl ether	0.187	0.124	33.7#	95	0.00
56	M	Bromoform	0.346	0.302	12.7	120	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58	M	4-Methyl-2-Pentanone	0.653	1.012	-55.0#	167#	0.00
59	M	2-Hexanone	0.489	0.483	1.2	115	0.00
60	S	4-Bromofluorobenzene	0.536	0.480	10.4	109	0.00
61	M	Tetrachloroethene	0.370	0.380	-2.7	114	0.00
62	M	Toluene	1.916	2.167	-13.1	132	0.00
63	S	Toluene-d8	1.401	1.827	-30.4#	140	0.00
64	M	Chlorobenzene	1.105	1.124	-1.7	115	0.00
65		1,1,1,2-Tetrachloroethane	0.457	0.433	5.3	105	0.00
66	M	Ethyl Benzene	2.192	2.016	8.0	106	0.00
67	M	m/p-Xylenes	0.837	0.774	7.5	117	0.00
68	M	o-Xylene	0.867	0.746	14.0	106	0.00
69	M	Styrene	1.463	1.187	18.9	106	0.00
70		Isopropylbenzene	2.244	1.950	13.1	109	0.00
71	M	1,1,2,2-Tetrachloroethane	0.641	0.578	9.8	103	0.00
72		1,2,3-Trichloropropane	0.612	0.566	7.5	101	0.00
73		Bromobenzene	0.501	0.435	13.2	99	0.00
74		n-propylbenzene	2.577	2.248	12.8	100	0.00
75		2-Chlorotoluene	1.481	1.286	13.2	94	0.00
76		1,3,5-Trimethylbenzene	1.757	1.557	11.4	95	0.00
77		t-1,4-Dichloro-2-butene	0.219	0.181	17.4	118	0.00
78		4-Chlorotoluene	1.438	1.755	-22.0	135	0.00
79		tert-butylbenzene	1.481	1.423	3.9	109	0.00
80		1,2,4-Trimethylbenzene	1.601	1.600	0.1	113	0.00
81		sec-Butylbenzene	1.960	1.982	-1.1	115	0.00
82		p-Isopropyltoluene	1.758	1.622	7.7	118	0.00
83	M	1,3-Dichlorobenzene	0.842	0.793	5.8	118	0.00
84	M	1,4-Dichlorobenzene	0.774	0.743	4.0	116	0.00
85		n-Butylbenzene	1.400	1.295	7.5	117	0.00
86	T	Hexachloroethane	0.336	0.300	10.7	98	0.00
87	M	1,2-Dichlorobenzene	0.760	0.853	-12.2	131	0.00
88		1,2-Dibromo-3-Chloropropane	0.121	0.111	8.3	117	0.00
89		1,2,4-Trichlorobenzene	0.381	0.373	2.1	123	0.00
90		Hexachlorobutadiene	0.210	0.210	0.0	114	0.00
91	M	Naphthalene	0.991	1.015	-2.4	133	0.00
92		1,2,3-Trichlorobenzene	0.363	0.422	-16.3	137	0.00

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