Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
Data File : VN068460.D
Acq On : 13 Sep 2021 16:13
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321

Quant Time: Sep 14 04:26:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Sep 14 04:23:31 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	110	0.00
2	M	Dichlorodifluoromethane	1.366	1.442	-5.6	115	0.00
3	M	Chloromethane	1.322	1.373	-3.9	114	0.00
4	M	Vinyl Chloride	2.095	2.154	-2.8	108	0.00
5	M	Bromomethane	2.081	2.164	-4.0	109	0.00
6	M	Chloroethane	1.495	1.496	-0.1	106	0.00
7	M	Trichlorofluoromethane	2.582	2.628	-1.8	112	0.00
8	T	Diethyl Ether	0.814	0.812	0.2	113	0.00
9		1,1,2-Trichlorotrifluoroeth	1.471	1.489	-1.2	115	0.00
10	M	1,1-Dichloroethene	1.367	1.362	0.4	113	0.00
11		Methyl Iodide	2.123	1.873	11.8	112	0.00
12		Methyl Acetate	1.422	1.442	-1.4	114	0.00
13	M	Acrolein	0.114	0.105	7.9	109	0.00
14	M	Acrylonitrile	0.616	0.600	2.6	111	0.00
15	M	Acetone	0.168	0.180	-7.1	116	0.00
16	M	Carbon Disulfide	3.528	3.491	1.0	113	0.00
17		Allyl chloride	1.707	1.741	-2.0	115	0.00
18	M	Methylene Chloride	1.637	1.622	0.9	115	0.00
19	M	trans-1,2-Dichloroethene	1.532	1.528	0.3	114	0.00
20	T	Diisopropyl ether	3.786	3.830	-1.2	112	0.00
21	M	1,1-Dichloroethane	2.517	2.525	-0.3	112	0.00
22	M	cis-1,2-Dichloroethene	1.842	1.825	0.9	114	0.00
23	M	tert-Butyl Alcohol	0.249	0.245	1.6	113	0.00
24	M	Methyl tert-Butyl Ether	4.655	4.586	1.5	113	0.00
25	M	Chloroform	3.012	2.957	1.8	108	0.00
26		Cyclohexane	2.128	2.146	-0.8	114	0.00
27	s	1,2-Dichloroethane-d4	1.772	1.829	-3.2	107	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
29		1,1-Dichloropropene	0.402	0.386	4.0	112	0.00
30	M	2-Butanone	0.153	0.147	3.9	111	0.00
31		2,2-Dichloropropane	0.463	0.450	2.8	113	0.00
32	M	1,1,1-Trichloroethane	0.546	0.513	6.0	110	0.00
33	M	Carbon Tetrachloride	0.510	0.481	5.7	113	0.00
34	M	Benzene	1.226	1.169	4.6	111	0.00
35		Methacrylonitrile	0.148	0.132	10.8	102	0.00
36	M	1,2-Dichloroethane	0.413	0.385	6.8	105	0.00
37	M	Trichloroethene	0.393	0.370	5.9	115	0.00
38		Methylcyclohexane	0.517	0.490	5.2	114	0.00
39	M	1,2-Dichloropropane	0.289	0.275	4.8	112	0.00
40		Dibromomethane	0.237	0.221	6.8	109	0.00
41	M	Bromodichloromethane	0.458	0.426	7.0	110	0.00
42	M	Vinyl Acetate	0.565	0.539	4.6	111	0.00
43		Ethyl Acetate	0.324	0.281	13.3	103	0.00
44		Isopropyl Acetate	0.554	0.520	6.1	107	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	115	0.00
46		Methyl methacrylate	0.224	0.208	7.1	112	0.00
47		n-amyl Acetate	0.389	0.372	4.4	121	0.00
48	M	t-1,3-Dichloropropene	0.464	0.433	6.7	115	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.499	0.462	7.4	111	0.00
50	M	1,1,2-Trichloroethane	0.343	0.320	6.7	111	0.00
51		Ethyl methacrylate	0.440	0.412	6.4	115	0.00
52		1,3-Dichloropropane	0.510	0.476	6.7	109	0.00
53	M	Dibromochloromethane	0.421	0.382	9.3	112	0.00
54	M	1,2-Dibromoethane	0.367	0.337	8.2	111	0.00
55	M	2-Chloroethyl vinyl ether	0.074	0.061	17.6	119	0.00
56	M	Bromoform	0.338	0.290	14.2	114	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
58	M	4-Methyl-2-Pentanone	0.353	0.344	2.5	110	0.00
59	M	2-Hexanone	0.245	0.239	2.4	112	0.00
60	S	4-Bromofluorobenzene	0.428	0.435	-1.6	114	0.00
61	M	Tetrachloroethene	0.431	0.396	8.1	107	0.00
62	M	Toluene	1.579	1.513	4.2	111	0.00
63	S	Toluene-d8	1.305	1.333	-2.1	111	0.00
64	M	Chlorobenzene	1.041	0.987	5.2	112	0.00
65		1,1,1,2-Tetrachloroethane	0.425	0.407	4.2	113	0.00
66	M	Ethyl Benzene	1.716	1.644	4.2	114	0.00
67	M	m/p-Xylenes	0.707	0.692	2.1	114	0.00
68	M	o-Xylene	0.698	0.675	3.3	115	0.00
69	M	Styrene	1.107	1.064	3.9	113	0.00
70		Isopropylbenzene	1.773	1.723	2.8	115	0.00
71	M	1,1,2,2-Tetrachloroethane	0.483	0.474	1.9	111	0.00
72		1,2,3-Trichloropropane	0.402	0.378	6.0	105	0.00
73		Bromobenzene	0.503	0.473	6.0	117	0.00
74		n-propylbenzene	1.912	1.858	2.8	115	0.00
75		2-Chlorotoluene	1.151	1.134	1.5	115	0.00
76		1,3,5-Trimethylbenzene	1.480	1.472	0.5	117	0.00
77		t-1,4-Dichloro-2-butene	0.133	0.118	11.3	110	0.00
78		4-Chlorotoluene	1.104	1.118	-1.3	120	0.00
79		tert-butylbenzene	1.360	1.356	0.3	118	0.00
80		1,2,4-Trimethylbenzene	1.432	1.441	-0.6	119	0.00
81		sec-Butylbenzene	1.798	1.787	0.6	118	0.00
82		p-Isopropyltoluene	1.542	1.534	0.5	122	0.00
83	M	1,3-Dichlorobenzene	0.875	0.875	0.0	123	0.00
84	M	1,4-Dichlorobenzene	0.838	0.833	0.6	125	0.00
85		n-Butylbenzene	1.097	1.062	3.2	124	0.00
86	T	Hexachloroethane	0.283	0.268	5.3	114	0.00
87	M	1,2-Dichlorobenzene	0.841	0.826	1.8	120	0.00
88		1,2-Dibromo-3-Chloropropane	0.082	0.079	3.7	117	0.00
89		1,2,4-Trichlorobenzene	0.406	0.380	6.4	136	0.00
90		Hexachlorobutadiene	0.257	0.239	7.0	123	0.00
91	M	Naphthalene	0.876	0.889	-1.5	149	0.00
92		1,2,3-Trichlorobenzene	0.383	0.374	2.3	136	0.00

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