Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092518\
Data File : VN051479.D
Acq On : 25 Sep 2018 12:09
Operator : MD\SY
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN092518

Quant Time: Sep 26 02:20:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 26 01:19:41 2018
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	1.458	1.247	14.5	106	0.00
3	M	Chloromethane	2.537	2.291	9.7	109	0.00
4	M	Vinyl Chloride	2.728	2.444	10.4	106	0.00
5	M	Bromomethane	1.774	1.664	6.2	113	0.00
6	M	Chloroethane	1.691	1.538	9.0	104	0.00
7	M	Trichlorofluoromethane	3.569	3.220	9.8	105	0.00
8	T	Diethyl Ether	1.058	0.927	12.4	112	0.00
9		1,1,2-Trichlorotrifluoroeth	1.803	1.696	5.9	111	0.00
10	M	1,1-Dichloroethene	1.648	1.555	5.6	113	0.00
11		Methyl Iodide	2.460	2.139	13.0	100	0.00
12		Methyl Acetate	1.438	1.337	7.0	115	0.00
13	M	Acrolein	0.196	0.175	10.7	108	0.00
14	M	Acrylonitrile	0.589	0.552	6.3	115	0.00
15	M	Acetone	0.144	0.132	8.3	112	0.00
16	M	Carbon Disulfide	5.196	4.655	10.4	108	0.00
17		Allyl chloride	2.890	2.519	12.8	109	0.00
18	M	Methylene Chloride	1.972	1.822	7.6	106	0.00
19	M	trans-1,2-Dichloroethene	1.794	1.673	6.7	108	0.00
20	T	Diisopropyl ether	5.880	5.631	4.2	110	0.00
21	M	1,1-Dichloroethane	3.506	3.278	6.5	108	0.00
22	M	cis-1,2-Dichloroethene	2.014	1.854	7.9	107	0.00
23	M	tert-Butyl Alcohol	0.110	0.108	1.8	129	0.00
24	M	Methyl tert-Butyl Ether	4.493	4.133	8.0	115	0.00
25	M	Chloroform	3.508	3.291	6.2	105	0.00
26		Cyclohexane	2.980	2.740	8.1	111	0.00
27	s	1,2-Dichloroethane-d4	2.053	2.058	-0.2	108	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
29		1,1-Dichloropropene	0.498	0.466	6.4	111	0.00
30	M	2-Butanone	0.127	0.119	6.3	119	0.00
31		2,2-Dichloropropane	0.531	0.503	5.3	109	0.00
32	M	1,1,1-Trichloroethane	0.569	0.520	8.6	105	0.00
33	M	Carbon Tetrachloride	0.519	0.472	9.1	107	0.00
34	M	Benzene	1.482	1.371	7.5	107	0.00
35		Methacrylonitrile	0.160	0.146	8.8	115	0.00
36	M	1,2-Dichloroethane	0.478	0.441	7.7	108	0.00
37	M	Trichloroethene	0.391	0.358	8.4	107	0.00
38		Methylcyclohexane	0.570	0.519	8.9	116	0.00
39	M	1,2-Dichloropropane	0.403	0.377	6.5	107	0.00
40		Dibromomethane	0.229	0.211	7.9	104	0.00
41	M	Bromodichloromethane	0.503	0.463	8.0	106	0.00
42	M	Vinyl Acetate	0.712	0.657	7.7	115	0.00
43		Ethyl Acetate	0.267	0.271	-1.5	120	0.00
44		Isopropyl Acetate	0.511	0.472	7.6	115	0.00
45	T	1,4-Dioxane	0.003	0.003#	0.0	119	0.00

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ClientSampleId : ICVVN092518

Quant Time: Sep 26 02:20:22 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.253	0.227	10.3	113	0.00
47		n-amyl Acetate	0.406	0.006#	98.5#	2#	0.17
48	M	t-1,3-Dichloropropene	0.495	0.472	4.6	119	0.00
49	T	cis-1,3-Dichloropropene	0.579	0.558	3.6	114	0.00
50	M	1,1,2-Trichloroethane	0.327	0.322	1.5	113	0.00
51		Ethyl methacrylate	0.383	0.367	4.2	124	0.00
52		1,3-Dichloropropane	0.552	0.516	6.5	109	0.00
53	M	Dibromochloromethane	0.376	0.346	8.0	107	0.00
54	M	1,2-Dibromoethane	0.314	0.293	6.7	112	0.00
55	M	2-Chloroethyl vinyl ether	0.191	0.177	7.3	117	0.00
56	M	Bromoform	0.252	0.235	6.7	112	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
58	M	4-Methyl-2-Pentanone	0.310	0.313	-1.0	122	0.00
59	M	2-Hexanone	0.202	0.193	4.5	123	0.00
60	S	4-Bromofluorobenzene	0.453	0.449	0.9	115	0.00
61	M	Tetrachloroethene	0.411	0.397	3.4	111	0.00
62	M	Toluene	1.811	1.758	2.9	113	0.00
63	S	Toluene-d8	1.437	1.514	-5.4	116	0.00
64	M	Chlorobenzene	1.108	1.032	6.9	111	0.00
65		1,1,1,2-Tetrachloroethane	0.429	0.387	9.8	105	0.00
66	M	Ethyl Benzene	1.861	1.713	8.0	114	0.00
67	M	m/p-Xylenes	0.724	0.691	4.6	114	0.00
68	M	o-Xylene	0.688	0.653	5.1	115	0.00
69	M	Styrene	1.089	1.019	6.4	113	0.00
70		Isopropylbenzene	1.843	1.739	5.6	113	0.00
71	M	1,1,2,2-Tetrachloroethane	0.427	0.395	7.5	112	0.00
72		1,2,3-Trichloropropane	0.370	0.357	3.5	115	0.00
73		Bromobenzene	0.460	0.423	8.0	113	0.00
74		n-propylbenzene	2.134	1.985	7.0	114	0.00
75		2-Chlorotoluene	1.262	1.186	6.0	112	0.00
76		1,3,5-Trimethylbenzene	1.525	1.463	4.1	114	0.00
77		t-1,4-Dichloro-2-butene	0.115	0.100	13.0	118	0.00
78		4-Chlorotoluene	1.254	1.167	6.9	113	0.00
79		tert-butylbenzene	1.320	1.272	3.6	117	0.00
80		1,2,4-Trimethylbenzene	1.538	1.501	2.4	116	0.00
81		sec-Butylbenzene	1.820	1.757	3.5	117	0.00
82		p-Isopropyltoluene	1.572	1.491	5.2	116	0.00
83	M	1,3-Dichlorobenzene	0.807	0.728	9.8	112	0.00
84	M	1,4-Dichlorobenzene	0.759	0.689	9.2	115	0.00
85		n-Butylbenzene	1.274	1.156	9.3	121	0.00
86	T	Hexachloroethane	0.312	0.294	5.8	113	0.00
87	M	1,2-Dichlorobenzene	0.773	0.711	8.0	111	0.00
88		1,2-Dibromo-3-Chloropropane	0.063	0.057	9.5	120	0.00
89		1,2,4-Trichlorobenzene	0.374	0.304	18.7	126	0.00
90		Hexachlorobutadiene	0.294	0.283	3.7	119	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.686	0.502	26.8	136	0.00
92	1,2,3-Trichlorobenzene	0.377	0.308	18.3	125	0.00

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