Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041519\
Data File : VU031203.D
Acq On : 15 Apr 2019 23:40
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU041519

Quant Time: Apr 16 05:08:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:55:56 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	101	0.00
2	T	Dichlorodifluoromethane	0.432	0.265	38.7#	64	0.00
3	t	Chloromethane	0.456	0.360	21.1	83	0.00
4	Rt	Vinyl Chloride	0.446	0.376	15.7	90	0.00
5	T	Bromomethane	0.261	0.237	9.2	95	0.00
6	T	Chloroethane	0.308	0.273	11.4	96	0.00
7	T	Trichlorofluoromethane	0.650	0.576	11.4	95	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.324	0.330	-1.9	108	0.00
9	Rt	1,1-Dichloroethene	0.323	0.345	-6.8	113	0.00
10	t	Iodomethane	0.437	0.471	-7.8	106	0.00
11	t	Allyl Chloride	0.635	0.673	-6.0	108	0.00
12	t	Acrylonitrile	0.095	0.263	-176.8#	282#	0.00
13	T	Acetone	0.084	0.076	9.5	108	0.00
14	T	Carbon Disulfide	1.194	1.161	2.8	102	0.00
15	RT	Methylene Chloride	0.417	0.382	8.4	102	0.00
16	RT	trans-1,2-Dichloroethene	0.357	0.377	-5.6	110	0.00
17	t	1,1-Dichloroethane	0.565	0.550	2.7	108	0.00
18	T	2-Butanone	0.088	0.096	-9.1	109	0.00
19		Cyclohexane	0.398	0.451	-13.3	115	0.00
20		Methylcyclohexane	0.403	0.464	-15.1	106	0.00
21	T	2,2-Dichloropropane	0.438	0.442	-0.9	109	0.00
22	RT	cis-1,2-Dichloroethene	0.311	0.334	-7.4	112	0.00
23	t	Diethyl Ether	0.302	0.294	2.6	100	0.00
24	t	tert-Butyl Alcohol	0.032	0.016	50.0#	51	0.01
25	t	Methyl tert-Butyl Ether	0.943	0.984	-4.3	106	0.00
26	t	Bromochloromethane	0.142	0.150	-5.6	112	0.00
27	t	Chloroform	0.559	0.578	-3.4	112	0.00
28	RT	1,1,1-Trichloroethane	0.475	0.502	-5.7	114	0.00
29	T	1,1-Dichloropropene	0.399	0.440	-10.3	112	0.00
30	RT	Carbon Tetrachloride	0.420	0.442	-5.2	112	0.00
31	t	Isopropyl Ether	0.829	0.925	-11.6	120	0.00
32		Ethyl-t-butyl ether	0.703	0.000	100.0#	0#	-4.07#
33		Tert-Amyl methyl ether	0.615	0.000	100.0#	0#	-5.58#
34	t	Propionitrile	0.024	0.058	-141.7#	237#	0.00
35	RT	Benzene	1.186	1.287	-8.5	107	0.00
36	RT	1,2-Dichloroethane	0.377	0.396	-5.0	107	0.00
37	RT	Trichloroethene	0.333	0.330	0.9	105	0.00
38	Rt	1,2-Dichloropropane	0.316	0.340	-7.6	105	0.00
39	t	Methacrylonitrile	0.109	0.123	-12.8	113	0.00
40	t	Methyl acrylate	0.140	0.204	-45.7#	125	0.00
41	t	Tetrahydrofuran	0.056	0.167	-198.2#	295#	0.00
42	t	1-Chlorobutane	0.568	0.635	-11.8	110	0.00
43	T	Dibromomethane	0.170	0.178	-4.7	105	0.00
44	T	Bromodichloromethane	0.410	0.442	-7.8	108	0.00
45	T	4-Methyl-2-Pentanone	0.200	0.234	-17.0	104	0.00
46	t	t-1,4-Dichloro-2-butene	0.076	0.039	48.7#	47	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	t	Methyl methacrylate	0.143	0.084	41.3#	51	0.00
48	t	Ethyl methacrylate	0.256	0.327	-27.7	106	0.00
49	Rt	Toluene	0.651	0.768	-18.0	108	0.00
50	T	t-1,3-Dichloropropene	0.349	0.415	-18.9	109	0.00
51	T	cis-1,3-Dichloropropene	0.413	0.478	-15.7	110	0.00
52	RT	1,1,2-Trichloroethane	0.229	0.252	-10.0	110	0.00
53	t	1,3-Dichloropropane	0.389	0.423	-8.7	105	0.00
54	t	2-Hexanone	0.135	0.163	-20.7	106	0.00
55	t	Dibromochloromethane	0.272	0.292	-7.4	106	0.00
56	T	1,2-Dibromoethane	0.213	0.232	-8.9	107	0.00
57	S	4-Bromofluorobenzene	0.365	0.375	-2.7	95	0.00
58	RT	Tetrachloroethene	0.283	0.307	-8.5	106	0.00
59	Rt	Chlorobenzene	0.723	0.795	-10.0	105	0.00
60	T	1,1,1,2-Tetrachloroethane	0.271	0.291	-7.4	107	0.00
61	t	Pentachloroethane	0.211	0.223	-5.7	107	0.00
62	t	Hexachloroethane	0.204	0.214	-4.9	105	0.00
63	Rt	Ethyl Benzene	1.154	1.427	-23.7	109	0.00
64	RT	m/p-Xylenes	0.439	0.540	-23.0	105	0.00
65	RT	o-Xylene	0.420	0.509	-21.2	108	0.00
66	RT	Styrene	0.712	0.919	-29.1	109	0.00
67	t	Bromoform	0.157	0.172	-9.6	105	0.00
68	S	1,2-Dichlorobenzene-d4	0.366	0.355	3.0	97	0.00
69	T	Isopropylbenzene	1.127	1.413	-25.4	111	0.00
70	T	1,1,2,2-Tetrachloroethane	0.297	0.307	-3.4	104	0.00
71	T	1,2,3-Trichloropropane	0.215	0.248	-15.3	112	0.00
72	t	Bromobenzene	0.298	0.344	-15.4	108	0.00
73	t	n-propylbenzene	0.301	0.373	-23.9	107	0.00
74	t	2-Chlorotoluene	0.278	0.330	-18.7	105	0.00
75	t	1,3,5-Trimethylbenzene	0.954	1.219	-27.8	111	0.00
76	t	4-Chlorotoluene	0.280	0.346	-23.6	110	0.00
77	t	tert-Butylbenzene	0.933	1.100	-17.9	105	0.00
78	t	1,2,4-Trimethylbenzene	0.962	1.219	-26.7	108	0.00
79	t	sec-Butylbenzene	1.256	1.415	-12.7	100	0.00
80		Nitrobenzene	0.010	0.002	80.0#	16#	0.01
81	t	p-Isopropyltoluene	1.009	1.266	-25.5	109	0.00
82	t	1,3-Dichlorobenzene	0.589	0.639	-8.5	103	0.00
83	Rt	1,4-Dichlorobenzene	0.570	0.654	-14.7	104	0.00
84	t	n-Butylbenzene	0.975	1.225	-25.6	109	0.00
85	Rt	1,2-Dichlorobenzene	0.552	0.604	-9.4	104	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.043	0.050	-16.3	102	0.00
87	Rt	1,2,4-Trichlorobenzene	0.338	0.440	-30.2#	114	0.00
88	t	Hexachlorobutadiene	0.225	0.245	-8.9	110	0.00
89	t	Naphthalene	0.570	0.846	-48.4#	116	0.00
90	t	1,2,3-Trichlorobenzene	0.338	0.419	-24.0	110	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

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