Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031822\
Data File : VU047614.D
Acq On : 18 Mar 2022 13:49
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU031822

Quant Time: Mar 19 05:11:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 18 13:19:37 2022
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	102	0.00
2	T	Dichlorodifluoromethane	0.361	0.169	53.2#	49	0.00
3	t	Chloromethane	0.353	0.203	42.5#	61	0.00
4	Rt	Vinyl Chloride	0.343	0.210	38.8#	65	0.00
5	T	Bromomethane	0.201	0.134	33.3#	71	0.00
6	T	Chloroethane	0.205	0.150	26.8	77	0.00
7	T	Trichlorofluoromethane	0.474	0.371	21.7	83	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.271	0.236	12.9	92	0.00
9	Rt	1,1-Dichloroethene	0.267	0.213	20.2	84	0.00
10	t	Iodomethane	0.109	0.129	-18.3	100	0.00
11	t	Allyl Chloride	0.336	0.290	13.7	92	0.00
12	t	Acrylonitrile	0.059	0.156	-164.4#	264#	0.00
13	T	Acetone	0.040	0.049	-22.5	136	0.00
14	T	Carbon Disulfide	0.845	0.463	45.2#	58	0.00
15	RT	Methylene Chloride	0.389	0.296	23.9	101	0.00
16	RT	trans-1,2-Dichloroethene	0.281	0.233	17.1	86	0.00
17	t	1,1-Dichloroethane	0.477	0.458	4.0	100	0.00
18	T	2-Butanone	0.063	0.068	-7.9	107	0.00
19		Cyclohexane	0.358	0.315	12.0	85	0.00
20		Methylcyclohexane	0.411	0.371	9.7	87	0.00
21	T	2,2-Dichloropropane	0.420	0.410	2.4	102	0.00
22	RT	cis-1,2-Dichloroethene	0.305	0.294	3.6	99	0.00
23	t	Diethyl Ether	0.195	0.167	14.4	90	0.00
24	t	tert-Butyl Alcohol	0.013	0.009	30.8#	75	-0.02
25	t	Methyl tert-Butyl Ether	0.651	0.670	-2.9	106	0.00
26	t	Bromochloromethane	0.154	0.142	7.8	99	0.00
27	t	Chloroform	0.516	0.511	1.0	104	0.00
28	RT	1,1,1-Trichloroethane	0.448	0.431	3.8	100	0.00
29	T	1,1-Dichloropropene	0.363	0.327	9.9	89	0.00
30	RT	Carbon Tetrachloride	0.399	0.382	4.3	97	0.00
31	t	Isopropyl Ether	0.634	0.715	-12.8	113	0.00
32		Ethyl-t-butyl ether	0.640	0.000	100.0#	0#	-4.51#
33		Tert-Amyl methyl ether	0.601	0.000	100.0#	0#	-5.95#
34	t	Propionitrile	0.017	0.043	-152.9#	255#	0.00
35	RT	Benzene	1.086	1.017	6.4	96	0.00
36	RT	1,2-Dichloroethane	0.329	0.319	3.0	100	0.00
37	RT	Trichloroethene	0.314	0.292	7.0	95	0.00
38	Rt	1,2-Dichloropropane	0.280	0.279	0.4	102	0.00
39	t	Methacrylonitrile	0.078	0.084	-7.7	107	0.00
40	t	Methyl acrylate	0.132	0.144	-9.1	103	0.00
41	t	Tetrahydrofuran	0.040	0.103	-157.5#	260#	0.00
42	t	1-Chlorobutane	0.468	0.438	6.4	94	0.00
43	T	Dibromomethane	0.168	0.163	3.0	102	0.00
44	T	Bromodichloromethane	0.389	0.410	-5.4	111	0.00
45	T	4-Methyl-2-Pentanone	0.168	0.185	-10.1	108	0.00
46	t	t-1,4-Dichloro-2-butene	0.073	0.077	-5.5	104	-0.01
47	t	Methyl methacrylate	0.136	0.073	46.3#	50	0.00
48	t	Ethyl methacrylate	0.256	0.290	-13.3	107	0.00
49	Rt	Toluene	0.668	0.667	0.1	97	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.360	0.386	-7.2	108	0.00
51	T	cis-1,3-Dichloropropene	0.397	0.425	-7.1	107	0.00
52	RT	1,1,2-Trichloroethane	0.233	0.248	-6.4	110	0.00
53	t	1,3-Dichloropropane	0.380	0.394	-3.7	108	0.00
54	t	2-Hexanone	0.122	0.139	-13.9	112	0.00
55	t	Dibromochloromethane	0.295	0.311	-5.4	109	0.00
56	T	1,2-Dibromoethane	0.232	0.234	-0.9	105	0.00
57	S	4-Bromofluorobenzene	0.373	0.442	-18.5	124	0.00
58	RT	Tetrachloroethene	0.289	0.268	7.3	95	0.00
59	Rt	Chlorobenzene	0.778	0.773	0.6	99	0.00
60	T	1,1,1,2-Tetrachloroethane	0.302	0.308	-2.0	105	0.00
61	t	Pentachloroethane	0.256	0.281	-9.8	115	0.00
62	t	Hexachloroethane	0.254	0.274	-7.9	111	0.00
63	Rt	Ethyl Benzene	1.219	1.307	-7.2	101	0.00
64	RT	m/p-Xylenes	0.484	0.528	-9.1	102	0.00
65	RT	o-Xylene	0.458	0.515	-12.4	105	0.00
66	RT	Styrene	0.789	0.908	-15.1	106	0.00
67	t	Bromoform	0.196	0.222	-13.3	116	0.00
68	S	1,2-Dichlorobenzene-d4	0.452	0.463	-2.4	102	0.00
69	T	Isopropylbenzene	1.212	1.389	-14.6	107	0.00
70	T	1,1,2,2-Tetrachloroethane	0.311	0.335	-7.7	112	0.00
71	T	1,2,3-Trichloropropane	0.245	0.239	2.4	98	0.00
72	t	Bromobenzene	0.363	0.390	-7.4	106	0.00
73	t	n-propylbenzene	0.352	0.404	-14.8	105	0.00
74	t	2-Chlorotoluene	0.323	0.365	-13.0	108	0.00
75	t	1,3,5-Trimethylbenzene	1.032	1.231	-19.3	109	0.00
76	t	4-Chlorotoluene	0.344	0.387	-12.5	105	0.00
77	t	tert-Butylbenzene	1.055	1.240	-17.5	110	0.00
78	t	1,2,4-Trimethylbenzene	1.055	1.231	-16.7	107	0.00
79	t	sec-Butylbenzene	1.376	1.615	-17.4	108	0.00
80		Nitrobenzene	0.013	0.003	76.9#	23	0.00
81	t	p-Isopropyltoluene	1.159	1.401	-20.9	109	0.00
82	t	1,3-Dichlorobenzene	0.718	0.798	-11.1	112	0.00
83	Rt	1,4-Dichlorobenzene	0.722	0.809	-12.0	112	0.00
84	t	n-Butylbenzene	1.089	1.311	-20.4	110	0.00
85	Rt	1,2-Dichlorobenzene	0.689	0.782	-13.5	114	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.052	0.055	-5.8	107	0.00
87	Rt	1,2,4-Trichlorobenzene	0.492	0.587	-19.3	113	0.00
88	t	Hexachlorobutadiene	0.296	0.325	-9.8	110	0.00
89	t	Naphthalene	0.836	1.001	-19.7	111	0.00
90	t	1,2,3-Trichlorobenzene	0.464	0.537	-15.7	109	0.00

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