Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072223\
Data File : VU054847.D
Acq On : 21 Jul 2023 21:04
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072223

Quant Time: Jul 24 11:48:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Jul 24 09:59:15 2023
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	0.199	0.147	26.1	74	0.00
3	t	Chloromethane	0.231	0.217	6.1	100	0.00
4	Rt	Vinyl Chloride	0.297	0.292	1.7	99	0.00
5	T	Bromomethane	0.211	0.220	-4.3	107	0.00
6	T	Chloroethane	0.280	0.265	5.4	99	0.00
7	T	Trichlorofluoromethane	0.719	0.662	7.9	88	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.206	0.192	6.8	91	0.00
9	Rt	1,1-Dichloroethene	0.172	0.175	-1.7	100	0.00
10	t	Iodomethane	0.277	0.283	-2.2	98	0.00
11	t	Allyl Chloride	0.202	0.216	-6.9	109	0.00
12	t	Acrylonitrile	0.042	0.105	-150.0#	251#	0.00
13	T	Acetone	0.036	0.027	25.0	89	0.00
14	T	Carbon Disulfide	0.290	0.359	-23.8	121	0.00
15	RT	Methylene Chloride	0.321	0.234	27.1	97	0.00
16	RT	trans-1,2-Dichloroethene	0.191	0.199	-4.2	104	0.00
17	t	1,1-Dichloroethane	0.405	0.408	-0.7	101	0.00
18	T	2-Butanone	0.052	0.048	7.7	90	0.00
19		Cyclohexane	0.234	0.234	0.0	102	0.00
20		Methylcyclohexane	0.311	0.332	-6.8	104	0.00
21	T	2,2-Dichloropropane	0.353	0.314	11.0	88	0.00
22	RT	cis-1,2-Dichloroethene	0.242	0.252	-4.1	100	0.00
23	t	Diethyl Ether	0.264	0.246	6.8	93	0.00
24	t	tert-Butyl Alcohol	0.023	0.012	47.8#	57	-0.08
25	t	Methyl tert-Butyl Ether	0.525	0.547	-4.2	102	0.00
26	t	Bromochloromethane	0.092	0.056	39.1#	55	0.00
27	t	Chloroform	0.445	0.442	0.7	98	0.00
28	RT	1,1,1-Trichloroethane	0.374	0.368	1.6	94	0.00
29	T	1,1-Dichloropropene	0.266	0.285	-7.1	102	0.00
30	RT	Carbon Tetrachloride	0.310	0.321	-3.5	100	0.00
31	t	Isopropyl Ether	0.599	0.613	-2.3	98	0.00
32		Ethyl-t-butyl ether	0.615	0.000	100.0#	0#	-4.50#
33		Tert-Amyl methyl ether	0.579	0.000	100.0#	0#	-5.94#
34	t	Propionitrile	0.016	0.035	-118.8#	208#	0.00
35	RT	Benzene	0.863	0.903	-4.6	101	0.00
36	RT	1,2-Dichloroethane	0.248	0.244	1.6	94	0.00
37	RT	Trichloroethene	0.233	0.233	0.0	97	0.00
38	Rt	1,2-Dichloropropane	0.249	0.246	1.2	98	0.00
39	t	Methacrylonitrile	0.056	0.058	-3.6	99	0.00
40	t	Methyl acrylate	0.095	0.108	-13.7	110	0.00
41	t	Tetrahydrofuran	0.033	0.083	-151.5#	252#	0.00
42	t	1-Chlorobutane	0.359	0.389	-8.4	105	0.00
43	T	Dibromomethane	0.116	0.126	-8.6	103	0.00
44	T	Bromodichloromethane	0.318	0.337	-6.0	101	0.00
45	T	4-Methyl-2-Pentanone	0.137	0.136	0.7	94	0.00
46	t	t-1,4-Dichloro-2-butene	0.057	0.033	42.1#	55	0.00
47	t	Methyl methacrylate	0.109	0.055	49.5#	46	0.00
48	t	Ethyl methacrylate	0.221	0.229	-3.6	98	0.00
49	Rt	Toluene	0.551	0.592	-7.4	103	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.282	0.303	-7.4	99	0.00
51	T	cis-1,3-Dichloropropene	0.342	0.366	-7.0	101	0.00
52	RT	1,1,2-Trichloroethane	0.175	0.184	-5.1	101	0.00
53	t	1,3-Dichloropropane	0.295	0.305	-3.4	96	0.00
54	t	2-Hexanone	0.096	0.095	1.0	96	0.00
55	t	Dibromochloromethane	0.209	0.221	-5.7	98	0.00
56	T	1,2-Dibromoethane	0.153	0.166	-8.5	97	0.00
57	S	4-Bromofluorobenzene	0.302	0.367	-21.5	121	0.00
58	RT	Tetrachloroethene	0.203	0.209	-3.0	100	0.00
59	Rt	Chlorobenzene	0.657	0.657	0.0	95	0.00
60	T	1,1,1,2-Tetrachloroethane	0.232	0.246	-6.0	97	0.00
61	t	Pentachloroethane	0.183	0.198	-8.2	100	0.00
62	t	Hexachloroethane	0.187	0.198	-5.9	94	0.00
63	Rt	Ethyl Benzene	1.120	1.173	-4.7	98	0.00
64	RT	m/p-Xylenes	0.423	0.450	-6.4	100	0.00
65	RT	o-Xylene	0.426	0.443	-4.0	100	0.00
66	RT	Styrene	0.685	0.752	-9.8	102	0.00
67	t	Bromoform	0.113	0.124	-9.7	100	0.00
68	S	1,2-Dichlorobenzene-d4	0.350	0.345	1.4	97	0.00
69	T	Isopropylbenzene	1.157	1.196	-3.4	97	0.00
70	T	1,1,2,2-Tetrachloroethane	0.218	0.230	-5.5	99	0.00
71	T	1,2,3-Trichloropropane	0.154	0.144	6.5	93	0.00
72	t	Bromobenzene	0.267	0.272	-1.9	98	0.00
73	t	n-propylbenzene	0.311	0.320	-2.9	98	0.00
74	t	2-Chlorotoluene	0.271	0.286	-5.5	102	0.00
75	t	1,3,5-Trimethylbenzene	0.942	0.992	-5.3	99	0.00
76	t	4-Chlorotoluene	0.278	0.292	-5.0	98	0.00
77	t	tert-Butylbenzene	0.971	1.011	-4.1	98	0.00
78	t	1,2,4-Trimethylbenzene	0.948	0.997	-5.2	96	0.00
79	t	sec-Butylbenzene	1.259	1.364	-8.3	99	0.00
80		Nitrobenzene	0.006	0.001	83.3#	19#	0.00
81	t	p-Isopropyltoluene	1.026	1.094	-6.6	97	0.00
82	t	1,3-Dichlorobenzene	0.534	0.560	-4.9	99	0.00
83	Rt	1,4-Dichlorobenzene	0.536	0.551	-2.8	98	0.00
84	t	n-Butylbenzene	0.944	1.063	-12.6	99	0.00
85	Rt	1,2-Dichlorobenzene	0.509	0.526	-3.3	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.029	0.033	-13.8	99	0.00
87	Rt	1,2,4-Trichlorobenzene	0.326	0.358	-9.8	101	0.00
88	t	Hexachlorobutadiene	0.174	0.181	-4.0	100	0.00
89	t	Naphthalene	0.528	0.583	-10.4	103	0.00
90	t	1,2,3-Trichlorobenzene	0.282	0.314	-11.3	100	0.00

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