Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013124\
Data File : VU057766.D
Acq On : 31 Jan 2024 17:21
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU013124

Quant Time: Feb 01 11:08:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Feb 01 02:02:36 2024
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	0.333	0.178	46.5#	53	0.00
3	t	Chloromethane	0.320	0.237	25.9	77	0.00
4	Rt	Vinyl Chloride	0.326	0.269	17.5	81	0.00
5	T	Bromomethane	0.193	0.175	9.3	97	0.00
6	T	Chloroethane	0.206	0.195	5.3	96	0.00
7	T	Trichlorofluoromethane	0.499	0.443	11.2	85	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.256	0.262	-2.3	101	0.00
9	Rt	1,1-Dichloroethene	0.249	0.252	-1.2	99	0.00
10	t	Iodomethane	0.292	0.310	-6.2	95	0.00
11	t	Allyl Chloride	0.337	0.375	-11.3	106	0.00
12	t	Acrylonitrile	0.042	0.118	-181.0#	249#	0.00
13	T	Acetone	0.077	0.064	16.9	75	0.00
14	T	Carbon Disulfide	0.795	0.766	3.6	94	0.00
15	RT	Methylene Chloride	0.297	0.278	6.4	98	0.00
16	RT	trans-1,2-Dichloroethene	0.271	0.278	-2.6	98	0.00
17	t	1,1-Dichloroethane	0.512	0.533	-4.1	101	0.00
18	T	2-Butanone	0.083	0.073	12.0	80	0.00
19		Cyclohexane	0.401	0.389	3.0	95	0.00
20		Methylcyclohexane	0.485	0.504	-3.9	98	0.00
21	T	2,2-Dichloropropane	0.455	0.483	-6.2	100	0.00
22	RT	cis-1,2-Dichloroethene	0.297	0.317	-6.7	104	0.00
23	t	Diethyl Ether	0.179	0.173	3.4	93	0.00
24	t	tert-Butyl Alcohol	0.020	0.011	45.0#	55	0.01
25	t	Methyl tert-Butyl Ether	0.583	0.621	-6.5	102	0.00
26	t	Bromochloromethane	0.119	0.121	-1.7	100	0.00
27	t	Chloroform	0.533	0.549	-3.0	100	0.00
28	RT	1,1,1-Trichloroethane	0.481	0.493	-2.5	98	0.00
29	T	1,1-Dichloropropene	0.389	0.415	-6.7	102	0.00
30	RT	Carbon Tetrachloride	0.414	0.431	-4.1	99	0.00
31	t	Isopropyl Ether	0.750	0.805	-7.3	103	0.00
32		Ethyl-t-butyl ether	0.696	0.000	100.0#	0#	-4.50#
33		Tert-Amyl methyl ether	0.586	0.000	100.0#	0#	-0.08
34	t	Propionitrile	0.017	0.038	-123.5#	199	0.00
35	RT	Benzene	1.120	1.181	-5.4	102	0.00
36	RT	1,2-Dichloroethane	0.326	0.339	-4.0	101	0.00
37	RT	Trichloroethene	0.297	0.303	-2.0	99	0.00
38	Rt	1,2-Dichloropropane	0.290	0.295	-1.7	99	0.00
39	t	Methacrylonitrile	0.068	0.074	-8.8	99	0.00
40	t	Methyl acrylate	0.103	0.136	-32.0#	101	0.00
41	t	Tetrahydrofuran	0.036	0.096	-166.7#	247#	0.00
42	t	1-Chlorobutane	0.513	0.550	-7.2	101	0.00
43	T	Dibromomethane	0.134	0.147	-9.7	106	0.00
44	T	Bromodichloromethane	0.374	0.401	-7.2	103	0.00
45	T	4-Methyl-2-Pentanone	0.142	0.151	-6.3	96	0.00
46	t	t-1,4-Dichloro-2-butene	0.032	0.061	-90.6#	149	-0.01
47	t	Methyl methacrylate	0.118	0.063	46.6#	49	0.00
48	t	Ethyl methacrylate	0.236	0.262	-11.0	99	0.00
49	Rt	Toluene	0.684	0.735	-7.5	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.323	0.367	-13.6	104	0.00
51	T	cis-1,3-Dichloropropene	0.409	0.450	-10.0	103	0.00
52	RT	1,1,2-Trichloroethane	0.184	0.198	-7.6	103	0.00
53	t	1,3-Dichloropropane	0.331	0.350	-5.7	103	0.00
54	t	2-Hexanone	0.131	0.125	4.6	86	0.00
55	t	Dibromochloromethane	0.228	0.241	-5.7	100	0.00
56	T	1,2-Dibromoethane	0.169	0.188	-11.2	103	0.00
57	S	4-Bromofluorobenzene	0.379	0.375	1.1	93	0.00
58	RT	Tetrachloroethene	0.262	0.272	-3.8	102	0.00
59	Rt	Chlorobenzene	0.757	0.773	-2.1	96	0.00
60	T	1,1,1,2-Tetrachloroethane	0.257	0.277	-7.8	100	0.00
61	t	Pentachloroethane	0.187	0.209	-11.8	96	0.00
62	t	Hexachloroethane	0.204	0.221	-8.3	91	0.00
63	Rt	Ethyl Benzene	1.345	1.470	-9.3	101	0.00
64	RT	m/p-Xylenes	0.489	0.547	-11.9	101	0.00
65	RT	o-Xylene	0.484	0.532	-9.9	99	0.00
66	RT	Styrene	0.722	0.841	-16.5	100	0.00
67	t	Bromoform	0.117	0.131	-12.0	98	0.00
68	S	1,2-Dichlorobenzene-d4	0.341	0.332	2.6	91	0.00
69	T	Isopropylbenzene	1.268	1.406	-10.9	99	0.00
70	T	1,1,2,2-Tetrachloroethane	0.231	0.235	-1.7	95	0.00
71	T	1,2,3-Trichloropropane	0.190	0.181	4.7	93	0.00
72	t	Bromobenzene	0.279	0.306	-9.7	98	0.00
73	t	n-propylbenzene	0.319	0.369	-15.7	100	0.00
74	t	2-Chlorotoluene	0.296	0.328	-10.8	98	0.00
75	t	1,3,5-Trimethylbenzene	1.089	1.218	-11.8	100	0.00
76	t	4-Chlorotoluene	0.297	0.328	-10.4	98	0.00
77	t	tert-Butylbenzene	1.022	1.112	-8.8	96	0.00
78	t	1,2,4-Trimethylbenzene	1.105	1.191	-7.8	96	0.00
79	t	sec-Butylbenzene	1.306	1.408	-7.8	97	0.00
80		Nitrobenzene	0.005	0.001	80.0#	16#	0.00
81	t	p-Isopropyltoluene	1.102	1.199	-8.8	95	0.00
82	t	1,3-Dichlorobenzene	0.564	0.602	-6.7	97	0.00
83	Rt	1,4-Dichlorobenzene	0.551	0.591	-7.3	98	0.00
84	t	n-Butylbenzene	1.053	1.169	-11.0	95	0.00
85	Rt	1,2-Dichlorobenzene	0.512	0.542	-5.9	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.032	0.037	-15.6	102	0.00
87	Rt	1,2,4-Trichlorobenzene	0.306	0.357	-16.7	102	0.00
88	t	Hexachlorobutadiene	0.196	0.203	-3.6	96	0.00
89	t	Naphthalene	0.460	0.552	-20.0	105	0.00
90	t	1,2,3-Trichlorobenzene	0.254	0.290	-14.2	103	0.00

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