

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
 Data File : VU028333.D
 Acq On : 26 Nov 2018 12:26
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

Quant Time: Nov 27 01:19:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 01:03:50 2018
 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	103	0.00
2 T	Dichlorodifluoromethane	0.360	0.264	26.7	74	0.00
3 t	Chloromethane	0.612	0.576	5.9	101	0.00
4 Rt	Vinyl Chloride	0.419	0.407	2.9	98	0.00
5 T	Bromomethane	0.165	0.151	8.5	104	0.00
6 T	Chloroethane	0.245	0.241	1.6	103	0.00
7 T	Trichlorofluoromethane	0.458	0.456	0.4	102	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.263	0.271	-3.0	104	0.00
9 Rt	1,1-Dichloroethene	0.243	0.261	-7.4	112	0.00
10 t	Iodomethane	0.165	0.216	-30.9#	122	0.00
11 t	Allyl Chloride	0.615	0.662	-7.6	110	0.00
12 t	Acrylonitrile	0.078	0.204	-161.5#	286#	0.00
13 T	Acetone	0.072	0.106	-47.2#	167	0.00
14 T	Carbon Disulfide	0.925	0.949	-2.6	106	0.00
15 RT	Methylene Chloride	0.297	0.298	-0.3	106	0.00
16 RT	trans-1,2-Dichloroethene	0.272	0.281	-3.3	107	0.00
17 t	1,1-Dichloroethane	0.607	0.631	-4.0	107	0.00
18 T	2-Butanone	0.107	0.137	-28.0	124	0.00
19	Cyclohexane	0.527	0.551	-4.6	104	0.00
20	Methylcyclohexane	0.516	0.558	-8.1	106	0.00
21 T	2,2-Dichloropropane	0.488	0.512	-4.9	108	0.00
22 RT	cis-1,2-Dichloroethene	0.319	0.329	-3.1	102	0.00
23 t	Diethyl Ether	0.244	0.255	-4.5	106	0.00
24 t	tert-Butyl Alcohol	0.024	0.014	41.7#	55	0.00
25 t	Methyl tert-Butyl Ether	0.723	0.762	-5.4	106	0.00
26 t	Bromochloromethane	0.122	0.120	1.6	99	0.00
27 t	Chloroform	0.586	0.583	0.5	107	0.00
28 RT	1,1,1-Trichloroethane	0.457	0.484	-5.9	109	0.00
29 T	1,1-Dichloropropene	0.439	0.460	-4.8	105	0.00
30 RT	Carbon Tetrachloride	0.369	0.389	-5.4	110	0.00
31 t	Isopropyl Ether	1.088	1.239	-13.9	115	0.00
32	Ethyl-t-butyl ether	0.896	0.000	100.0#	0#	-4.08#
33	Tert-Amyl methyl ether	0.743	0.000	100.0#	0#	-5.58#
34 t	Propionitrile	0.027	0.061	-125.9#	219#	0.00
35 RT	Benzene	1.292	1.367	-5.8	107	0.00
36 RT	1,2-Dichloroethane	0.386	0.396	-2.6	105	0.00
37 RT	Trichloroethene	0.281	0.297	-5.7	106	0.00
38 Rt	1,2-Dichloropropane	0.368	0.389	-5.7	106	0.00
39 t	Methacrylonitrile	0.145	0.152	-4.8	108	0.00
40 t	Methyl acrylate	0.199	0.202	-1.5	104	0.00
41 t	Tetrahydrofuran	0.073	0.193	-164.4#	269#	0.00
42 t	1-Chlorobutane	0.698	0.719	-3.0	103	0.00
43 T	Dibromomethane	0.157	0.168	-7.0	106	0.00
44 T	Bromodichloromethane	0.414	0.430	-3.9	105	0.00
45 T	4-Methyl-2-Pentanone	0.252	0.274	-8.7	107	0.00
46 t	t-1,4-Dichloro-2-butene	0.092	0.096	-4.3	98	-0.02

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
 Data File : VU028333.D
 Acq On : 26 Nov 2018 12:26
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112618

Quant Time: Nov 27 01:19:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 01:03:50 2018
 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)
47 t	Methyl methacrylate	0.160	0.091	43.1#	56	0.00
48 t	Ethyl methacrylate	0.320	0.350	-9.4	105	0.00
49 Rt	Toluene	0.717	0.784	-9.3	106	0.00
50 T	t-1,3-Dichloropropene	0.398	0.450	-13.1	111	0.00
51 T	cis-1,3-Dichloropropene	0.491	0.532	-8.4	108	0.00
52 RT	1,1,2-Trichloroethane	0.220	0.230	-4.5	106	0.00
53 t	1,3-Dichloropropane	0.411	0.445	-8.3	109	0.00
54 t	2-Hexanone	0.181	0.217	-19.9	119	0.00
55 t	Dibromochloromethane	0.234	0.251	-7.3	104	0.00
56 T	1,2-Dibromoethane	0.201	0.215	-7.0	109	0.00
57 S	4-Bromofluorobenzene	0.367	0.366	0.3	97	0.00
58 RT	Tetrachloroethene	0.258	0.265	-2.7	104	0.00
59 Rt	Chlorobenzene	0.747	0.798	-6.8	107	0.00
60 T	1,1,1,2-Tetrachloroethane	0.253	0.266	-5.1	107	0.00
61 t	Pentachloroethane	0.197	0.217	-10.2	111	0.00
62 t	Hexachloroethane	0.185	0.207	-11.9	111	0.00
63 Rt	Ethyl Benzene	1.378	1.546	-12.2	109	0.00
64 RT	m/p-Xylenes	0.499	0.560	-12.2	109	0.00
65 RT	o-Xylene	0.481	0.539	-12.1	107	0.00
66 RT	Styrene	0.825	0.889	-7.8	103	0.00
67 t	Bromoform	0.131	0.138	-5.3	104	0.00
68 S	1,2-Dichlorobenzene-d4	0.341	0.327	4.1	98	0.00
69 T	Isopropylbenzene	1.288	1.467	-13.9	110	0.00
70 T	1,1,2,2-Tetrachloroethane	0.295	0.310	-5.1	104	0.00
71 T	1,2,3-Trichloropropane	0.206	0.139	32.5#	67	0.00
72 t	Bromobenzene	0.286	0.315	-10.1	106	0.00
73 t	n-propylbenzene	0.334	0.380	-13.8	107	0.00
74 t	2-Chlorotoluene	0.293	0.317	-8.2	106	0.00
75 t	1,3,5-Trimethylbenzene	1.084	1.235	-13.9	107	0.00
76 t	4-Chlorotoluene	0.297	0.337	-13.5	107	0.00
77 t	tert-Butylbenzene	1.021	1.148	-12.4	108	0.00
78 t	1,2,4-Trimethylbenzene	1.111	1.263	-13.7	109	0.00
79 t	sec-Butylbenzene	1.423	1.549	-8.9	104	0.00
80	Nitrobenzene	0.013	0.003	76.9#	23	0.00
81 t	p-Isopropyltoluene	1.131	1.309	-15.7	108	0.00
82 t	1,3-Dichlorobenzene	0.573	0.621	-8.4	105	0.00
83 Rt	1,4-Dichlorobenzene	0.570	0.615	-7.9	104	0.00
84 t	n-Butylbenzene	1.187	1.371	-15.5	106	0.00
85 Rt	1,2-Dichlorobenzene	0.545	0.583	-7.0	105	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.048	0.052	-8.3	108	0.00
87 Rt	1,2,4-Trichlorobenzene	0.383	0.427	-11.5	105	0.00
88 t	Hexachlorobutadiene	0.207	0.229	-10.6	108	0.00
89 t	Naphthalene	0.757	0.870	-14.9	109	0.00
90 t	1,2,3-Trichlorobenzene	0.361	0.400	-10.8	107	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
Data File : VU028333.D
Acq On : 26 Nov 2018 12:26
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU112618

Quant Time: Nov 27 01:19:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Nov 27 01:03:50 2018
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)

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