

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
 Data File : VU050349.D
 Acq On : 17 Aug 2022 09:15
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Quant Time: Aug 17 11:51:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 17 11:51:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.118	96	31144	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	10344	0.907	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	10498	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	6068	0.509	ug/l	96
3) Chloromethane	1.520	50	8289	0.679	ug/l	# 88
4) Vinyl Chloride	1.604	62	5841	0.525	ug/l	96
5) Bromomethane	1.855	94	2533	0.437	ug/l	94
6) Chloroethane	1.932	64	3891	0.625	ug/l	95
7) Trichlorofluoromethane	2.141	101	7279	0.546	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	4008	0.572	ug/l	99
9) 1,1-Dichloroethene	2.584	96	4001	0.567	ug/l	93
11) Allyl Chloride	2.929	41	7095	0.589	ug/l	88
12) Acrylonitrile	3.327	53	2902	1.537	ug/l	# 88
13) Acetone	2.636	43	5728	3.845	ug/l	# 86
14) Carbon Disulfide	2.797	76	14775	0.635	ug/l	98
15) Methylene Chloride	3.051	84	6734	0.761	ug/l	93
16) trans-1,2-Dichloroethene	3.356	96	4301	0.580	ug/l	99
17) 1,1-Dichloroethane	3.874	63	9031	0.589	ug/l	96
18) 2-Butanone	4.732	43	8597	3.386	ug/l	99
19) Cyclohexane	5.372	56	4872m	0.332	ug/l	
20) Methylcyclohexane	6.768	83	4610	0.319	ug/l	99
21) 2,2-Dichloropropane	4.655	77	6776	0.540	ug/l	96
22) cis-1,2-Dichloroethene	4.658	96	4787	0.523	ug/l	99
23) Diethyl Ether	2.379	59	3610	0.600	ug/l	# 85
25) Methyl tert-Butyl Ether	3.379	73	11425	0.579	ug/l	96
26) Bromochloromethane	4.967	128	2318	0.602	ug/l	89
27) Chloroform	5.083	83	8269	0.548	ug/l	92
28) 1,1,1-Trichloroethane	5.305	97	6421	0.482	ug/l	97
29) 1,1-Dichloropropene	5.517	75	4537	0.382	ug/l	98
30) Carbon Tetrachloride	5.517	117	5566	0.497	ug/l	97
31) Isopropyl Ether	4.009	45	13189	0.502	ug/l	91
32) Ethyl-t-butyl ether	4.520	59	10862	0.436	ug/l	98
33) Tert-Amyl methyl ether	5.957	73	5960	0.275	ug/l	# 93
34) Propionitrile	4.793	54	2849	3.913	ug/l	# 89
35) Benzene	5.771	78	15989	0.472	ug/l	99
36) 1,2-Dichloroethane	5.800	62	5416	0.562	ug/l	99
37) Trichloroethene	6.559	130	3962	0.463	ug/l	96
38) 1,2-Dichloropropane	6.806	63	4096	0.457	ug/l	97
39) Methacrylonitrile	4.990	41	1720	0.551	ug/l	# 81
40) Methyl acrylate	4.864	55	3424	0.701	ug/l	# 89
41) Tetrahydrofuran	5.073	42	1925m	1.044	ug/l	
42) 1-Chlorobutane	5.456	56	6617	0.397	ug/l	98
43) Dibromomethane	6.932	93	2434	0.545	ug/l	97
44) Bromodichloromethane	7.118	83	5764	0.538	ug/l	98
45) 4-Methyl-2-Pentanone	7.809	43	11989	1.977	ug/l	95
46) t-1,4-Dichloro-2-butene	10.832	75	1906m	0.966	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
 Data File : VU050349.D
 Acq On : 17 Aug 2022 09:15
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Quant Time: Aug 17 11:51:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 17 11:51:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.983	69	3226	0.716	ug/l	95
48) Ethyl methacrylate	8.343	69	2733	0.302	ug/l	96
49) Toluene	7.977	92	6999	0.338	ug/l	96
50) t-1,3-Dichloropropene	8.221	75	4105	0.397	ug/l	97
51) cis-1,3-Dichloropropene	7.616	75	4795	0.391	ug/l	94
52) 1,1,2-Trichloroethane	8.411	97	3908	0.634	ug/l	97
53) 1,3-Dichloropropane	8.584	76	5312	0.480	ug/l	98
54) 2-Hexanone	8.700	43	8026	1.906	ug/l	90
55) Dibromochloromethane	8.816	129	3972	0.564	ug/l	95
56) 1,2-Dibromoethane	8.928	107	3175	0.532	ug/l	99
58) Tetrachloroethene	8.555	164	3658	0.514	ug/l	95
59) Chlorobenzene	9.452	112	8042	0.372	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.536	131	4154	0.540	ug/l	92
61) Pentachloroethane	11.430	117	3322	0.562	ug/l	86
62) Hexachloroethane	12.475	117	2497	0.422	ug/l	92
63) Ethyl Benzene	9.575	91	10965	0.282	ug/l	99
64) m/p-Xylenes	9.697	106	7631	0.530	ug/l	98
65) o-Xylene	10.105	106	4059	0.287	ug/l	95
66) Styrene	10.121	104	5653	0.249	ug/l	98
67) Bromoform	10.295	173	2320	0.577	ug/l #	98
69) Isopropylbenzene	10.488	105	10522	0.278	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.787	83	5145	0.642	ug/l #	96
71) 1,2,3-Trichloropropane	10.825	75	3544m	0.534	ug/l	
72) Bromobenzene	10.787	156	3517	0.413	ug/l	88
73) n-propylbenzene	10.909	120	2417	0.253	ug/l	91
74) 2-Chlorotoluene	10.986	126	2589	0.304	ug/l	94
75) 1,3,5-Trimethylbenzene	11.089	105	8176	0.259	ug/l	96
76) 4-Chlorotoluene	11.102	126	2289	0.268	ug/l	98
77) tert-Butylbenzene	11.423	119	8948	0.287	ug/l	92
78) 1,2,4-Trimethylbenzene	11.468	105	7781	0.245	ug/l	94
79) sec-Butylbenzene	11.645	105	10643	0.261	ug/l	97
80) Nitrobenzene	13.221	77	1641	5.008	ug/l #	91
81) p-Isopropyltoluene	11.796	119	7430	0.224	ug/l	98
82) 1,3-Dichlorobenzene	11.745	146	6371	0.387	ug/l	94
83) 1,4-Dichlorobenzene	11.838	146	6005	0.361	ug/l	96
84) n-Butylbenzene	12.208	91	7679	0.249	ug/l	92
85) 1,2-Dichlorobenzene	12.214	146	6567	0.411	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	779	0.558	ug/l	91
87) 1,2,4-Trichlorobenzene	13.841	180	3455	0.321	ug/l	98
88) Hexachlorobutadiene	14.021	225	2313	0.421	ug/l	94
89) Naphthalene	14.092	128	7842	0.347	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	3688	0.359	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050349.D
Acq On : 17 Aug 2022 09:15
Operator : SY/MD
Sample : VSTDIC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Quant Time: Aug 17 11:51:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 17 11:51:32 2022
Response via : Initial Calibration

