

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100422\
 Data File : VU051110.D
 Acq On : 04 Oct 2022 16:41
 Operator : JC/MD
 Sample : VU1004WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Oct 05 02:49:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 05 02:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	54499	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	17190	0.960	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	20230	1.016	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	37748	2.107	ug/l	99
3) Chloromethane	1.523	50	48873	2.034	ug/l	100
4) Vinyl Chloride	1.604	62	46645	2.045	ug/l	98
5) Bromomethane	1.861	94	30015	2.067	ug/l	100
6) Chloroethane	1.935	64	29819	2.083	ug/l	98
7) Trichlorofluoromethane	2.141	101	53237	2.059	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	31480	2.116	ug/l	96
9) 1,1-Dichloroethene	2.581	96	32633	2.081	ug/l	96
10) Iodomethane	2.723	142	46057	2.015	ug/l	93
11) Allyl Chloride	2.925	41	51432	2.097	ug/l	97
12) Acrylonitrile	3.330	53	21059	4.296	ug/l	88
13) Acetone	2.658	43	27096	9.262	ug/l	# 88
14) Carbon Disulfide	2.793	76	116073	1.955	ug/l	99
15) Methylene Chloride	3.044	84	48653	1.886	ug/l	95
16) trans-1,2-Dichloroethene	3.350	96	35759	2.020	ug/l	96
17) 1,1-Dichloroethane	3.867	63	63709	2.064	ug/l	100
18) 2-Butanone	4.742	43	38607	9.440	ug/l	92
19) Cyclohexane	5.388	56	37954m	1.833	ug/l	
20) Methylcyclohexane	6.761	83	36426	1.757	ug/l	93
21) 2,2-Dichloropropane	4.661	77	42356	2.012	ug/l	99
22) cis-1,2-Dichloroethene	4.668	96	32897	1.935	ug/l	99
23) Diethyl Ether	2.379	59	30094	2.154	ug/l	98
24) tert-Butyl Alcohol	3.305	59	14412m	21.854	ug/l	
25) Methyl tert-Butyl Ether	3.369	73	88033	2.113	ug/l	93
26) Bromochloromethane	4.973	128	17246	2.110	ug/l	93
27) Chloroform	5.089	83	65846	2.096	ug/l	99
28) 1,1,1-Trichloroethane	5.314	97	51625	2.076	ug/l	96
29) 1,1-Dichloropropene	5.526	75	37199	1.881	ug/l	99
30) Carbon Tetrachloride	5.523	117	42230	2.002	ug/l	100
31) Isopropyl Ether	3.999	45	78921	1.947	ug/l	84
32) Ethyl-t-butyl ether	4.507	59	68121	1.913	ug/l	97
33) Tert-Amyl methyl ether	5.944	73	56944	1.790	ug/l	99
34) Propionitrile	4.829	54	11860m	9.074	ug/l	
35) Benzene	5.774	78	130601	1.982	ug/l	99
36) 1,2-Dichloroethane	5.796	62	41978	2.030	ug/l	99
37) Trichloroethene	6.542	130	31109	1.941	ug/l	100
38) 1,2-Dichloropropane	6.790	63	36124	2.009	ug/l	99
39) Methacrylonitrile	4.986	41	9244	1.956	ug/l	89
40) Methyl acrylate	4.858	55	14279	1.748	ug/l	# 93
41) Tetrahydrofuran	5.079	42	7343	2.933	ug/l	# 78
42) 1-Chlorobutane	5.459	56	51903	1.880	ug/l	99
43) Dibromomethane	6.919	93	19982	2.069	ug/l	98
44) Bromodichloromethane	7.105	83	48242	2.140	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100422\
 Data File : VU051110.D
 Acq On : 04 Oct 2022 16:41
 Operator : JC/MD
 Sample : VU1004WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Oct 05 02:49:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 05 02:45:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	90651	8.931	ug/l	96
46) t-1,4-Dichloro-2-butene	10.835	75	14210m	4.244	ug/l	
47) Methyl methacrylate	6.967	69	27355	3.540	ug/l	95
48) Ethyl methacrylate	8.336	69	22062	1.703	ug/l	100
49) Toluene	7.970	92	66851	1.869	ug/l	94
50) t-1,3-Dichloropropene	8.211	75	35502	1.959	ug/l	97
51) cis-1,3-Dichloropropene	7.610	75	41185	1.950	ug/l	94
52) 1,1,2-Trichloroethane	8.401	97	28942	2.066	ug/l	97
53) 1,3-Dichloropropane	8.574	76	43263	1.945	ug/l	97
54) 2-Hexanone	8.693	43	61064	8.500	ug/l	93
55) Dibromochloromethane	8.809	129	30132	1.974	ug/l	99
56) 1,2-Dibromoethane	8.925	107	25364	2.022	ug/l	97
58) Tetrachloroethene	8.552	164	31765	1.960	ug/l	98
59) Chlorobenzene	9.446	112	75535	1.915	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	30938	1.999	ug/l	97
61) Pentachloroethane	11.426	117	22079	2.062	ug/l	82
62) Hexachloroethane	12.475	117	23550	1.906	ug/l	100
63) Ethyl Benzene	9.568	91	103101	1.702	ug/l	99
64) m/p-Xylenes	9.693	106	80719	3.523	ug/l	98
65) o-Xylene	10.098	106	42000	1.809	ug/l	95
66) Styrene	10.115	104	64386	1.783	ug/l	98
67) Bromoform	10.291	173	18471	2.096	ug/l	98
69) Isopropylbenzene	10.484	105	99063	1.819	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.780	83	34414	1.924	ug/l	98
71) 1,2,3-Trichloropropane	10.825	75	28149m	1.939	ug/l	
72) Bromobenzene	10.783	156	30600	1.947	ug/l	98
73) n-propylbenzene	10.906	120	26835	1.831	ug/l	99
74) 2-Chlorotoluene	10.986	126	27866	1.830	ug/l	98
75) 1,3,5-Trimethylbenzene	11.086	105	88495	1.801	ug/l	100
76) 4-Chlorotoluene	11.098	126	28164	1.860	ug/l	88
77) tert-Butylbenzene	11.420	119	84295	1.773	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	85932	1.725	ug/l	93
79) sec-Butylbenzene	11.642	105	117621	1.843	ug/l	98
80) Nitrobenzene	13.214	77	6376m	7.461	ug/l	
81) p-Isopropyltoluene	11.790	119	88169	1.809	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	66648	2.012	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	64843	1.986	ug/l	97
84) n-Butylbenzene	12.208	91	80077	1.831	ug/l	93
85) 1,2-Dichlorobenzene	12.211	146	61962	1.898	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	5592	2.026	ug/l	92
87) 1,2,4-Trichlorobenzene	13.841	180	28095	1.833	ug/l	96
88) Hexachlorobutadiene	14.018	225	21721	1.915	ug/l	98
89) Naphthalene	14.085	128	46343	1.464	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	27509	1.719	ug/l	99

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

