

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
 Data File : VU060317.D
 Acq On : 06 Aug 2024 12:37
 Operator : MD/SY
 Sample : VU0806WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 07 06:58:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	35722	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	12438	1.022	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13339	1.009	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	24510	1.784	ug/l	99
3) Chloromethane	1.518	50	27684	1.762	ug/l	97
4) Vinyl Chloride	1.599	62	29654	1.888	ug/l	99
5) Bromomethane	1.853	94	20034	2.076	ug/l	98
6) Chloroethane	1.930	64	18266	1.922	ug/l	100
7) Trichlorofluoromethane	2.132	101	34021	1.796	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	18600	1.804	ug/l	98
9) 1,1-Dichloroethene	2.573	96	19162	1.794	ug/l	95
10) Iodomethane	2.714	142	29768	1.880	ug/l	96
11) Allyl Chloride	2.917	41	23022	1.572	ug/l	99
12) Acrylonitrile	3.341	53	8963m	3.212	ug/l	
13) Acetone	2.656	43	22018m	6.496	ug/l	
14) Carbon Disulfide	2.788	76	64806	1.790	ug/l	99
15) Methylene Chloride	3.039	84	24341	1.821	ug/l	93
16) trans-1,2-Dichloroethene	3.348	96	20596	1.800	ug/l	95
17) 1,1-Dichloroethane	3.862	63	38529	1.751	ug/l	98
18) 2-Butanone	4.727	43	27967m	7.143	ug/l	
19) Cyclohexane	5.380	56	27582m	1.454	ug/l	
20) Methylcyclohexane	6.756	83	26067	1.732	ug/l	98
21) 2,2-Dichloropropane	4.656	77	28672	1.673	ug/l	98
22) cis-1,2-Dichloroethene	4.663	96	21624	1.764	ug/l	97
23) Diethyl Ether	2.374	59	16519	1.903	ug/l	99
24) tert-Butyl Alcohol	3.267	59	14811m	13.662	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	40380	1.540	ug/l	99
26) Bromochloromethane	4.968	128	10036	1.933	ug/l	94
27) Chloroform	5.081	83	40679	1.890	ug/l	96
28) 1,1,1-Trichloroethane	5.309	97	32717	1.830	ug/l	98
29) 1,1-Dichloropropene	5.521	75	25763	1.798	ug/l	98
30) Carbon Tetrachloride	5.518	117	28181	1.934	ug/l	98
31) Isopropyl Ether	3.988	45	45466	1.414	ug/l	92
32) Ethyl-t-butyl ether	4.496	59	43564	1.401	ug/l	96
33) Tert-Amyl methyl ether	5.933	73	40548	1.838	ug/l	98
34) Propionitrile	4.811	54	9337m	8.344	ug/l	
35) Benzene	5.769	78	85621	1.939	ug/l	100
36) 1,2-Dichloroethane	5.791	62	23732	1.934	ug/l	100
37) Trichloroethene	6.537	130	21892	2.003	ug/l	94
38) 1,2-Dichloropropane	6.785	63	23283	1.949	ug/l	99
39) Methacrylonitrile	4.984	41	4388	1.083	ug/l #	88
40) Methyl acrylate	4.862	55	9917m	1.398	ug/l	
41) Tetrahydrofuran	5.068	42	5636m	2.556	ug/l	
42) 1-Chlorobutane	5.454	56	34394	1.741	ug/l	98
43) Dibromomethane	6.917	93	11726	1.941	ug/l	97
44) Bromodichloromethane	7.100	83	28445	1.961	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
 Data File : VU060317.D
 Acq On : 06 Aug 2024 12:37
 Operator : MD/SY
 Sample : VU0806WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 07 06:58:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	51599	9.095	ug/l	99
46) t-1,4-Dichloro-2-butene	10.827	75	12535m	3.943	ug/l	
47) Methyl methacrylate	6.962	69	18733	3.821	ug/l	97
48) Ethyl methacrylate	8.331	69	15483	1.860	ug/l	98
49) Toluene	7.965	92	47402	1.936	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	22325	1.864	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	28189	1.957	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	17236	1.943	ug/l	96
53) 1,3-Dichloropropane	8.569	76	27603	1.950	ug/l	99
54) 2-Hexanone	8.682	43	37897	8.618	ug/l	95
55) Dibromochloromethane	8.804	129	18948	1.948	ug/l	99
56) 1,2-Dibromoethane	8.920	107	15343	1.929	ug/l	98
58) Tetrachloroethene	8.547	164	19813	2.028	ug/l	98
59) Chlorobenzene	9.444	112	53839	2.031	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	20322	1.946	ug/l	99
61) Pentachloroethane	11.421	117	16661	1.868	ug/l	99
62) Hexachloroethane	12.470	117	15895	1.844	ug/l	98
63) Ethyl Benzene	9.566	91	77331	1.936	ug/l	100
64) m/p-Xylenes	9.688	106	62027	3.787	ug/l	94
65) o-Xylene	10.093	106	29355	1.892	ug/l	98
66) Styrene	10.110	104	49305	1.884	ug/l	99
67) Bromoform	10.286	173	10978	1.927	ug/l	99
69) Isopropylbenzene	10.479	105	76819	1.939	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	22429	1.900	ug/l	100
71) 1,2,3-Trichloropropane	10.820	75	17387m	1.989	ug/l	
72) Bromobenzene	10.778	156	21388	1.965	ug/l	97
73) n-propylbenzene	10.901	120	21145	1.890	ug/l	99
74) 2-Chlorotoluene	10.981	126	20554	1.886	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	66351	1.877	ug/l	100
76) 4-Chlorotoluene	11.093	126	21994	1.935	ug/l	94
77) tert-Butylbenzene	11.415	119	64892	1.917	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	67077	1.868	ug/l	97
79) sec-Butylbenzene	11.637	105	87124	1.893	ug/l	99
80) Nitrobenzene	13.216	77	4328m	8.351	ug/l	
81) p-Isopropyltoluene	11.788	119	68497	1.872	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	44694	1.968	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	44720	1.984	ug/l	99
84) n-Butylbenzene	12.203	91	64582	1.833	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	43419	1.977	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.994	75	3086	1.803	ug/l	98
87) 1,2,4-Trichlorobenzene	13.836	180	23100	1.839	ug/l	99
88) Hexachlorobutadiene	14.016	225	14950	1.840	ug/l	99
89) Naphthalene	14.084	128	34568	1.555	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	22089	1.801	ug/l	99

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

