

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090324\
 Data File : VU060585.D
 Acq On : 03 Sep 2024 15:16
 Operator : MD/SY
 Sample : VU0903WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/06/2024
 Supervised By :Semsettin Yesilyurt 09/06/2024

Quant Time: Sep 04 05:43:02 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	32713	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11830	1.061	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	11993	0.990	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	25470	2.024	ug/l	97
3) Chloromethane	1.518	50	28673	1.993	ug/l	98
4) Vinyl Chloride	1.602	62	27321	1.900	ug/l	100
5) Bromomethane	1.856	94	17665	1.999	ug/l	98
6) Chloroethane	1.930	64	17194	1.975	ug/l	98
7) Trichlorofluoromethane	2.136	101	39128	2.255	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	19626	2.079	ug/l	98
9) 1,1-Dichloroethene	2.576	96	17847	1.825	ug/l	96
10) Iodomethane	2.718	142	22643	1.562	ug/l	95
11) Allyl Chloride	2.917	41	23939	1.785	ug/l	90
12) Acrylonitrile	3.345	53	8873m	3.472	ug/l	
13) Acetone	2.647	43	26668m	8.592	ug/l	
14) Carbon Disulfide	2.788	76	59211	1.786	ug/l	98
15) Methylene Chloride	3.039	84	22038	1.800	ug/l	97
16) trans-1,2-Dichloroethene	3.351	96	19738	1.884	ug/l	99
17) 1,1-Dichloroethane	3.862	63	39359	1.954	ug/l	99
18) 2-Butanone	4.727	43	29692m	8.281	ug/l	
19) Cyclohexane	5.380	56	25802m	1.486	ug/l	
20) Methylcyclohexane	6.753	83	25040	1.817	ug/l	95
21) 2,2-Dichloropropane	4.656	77	30405	1.938	ug/l	97
22) cis-1,2-Dichloroethene	4.663	96	20424	1.819	ug/l	98
23) Diethyl Ether	2.373	59	15670	1.972	ug/l	98
24) tert-Butyl Alcohol	3.248	59	14852m	14.960	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	38754	1.614	ug/l	96
26) Bromochloromethane	4.968	128	8977	1.889	ug/l	92
27) Chloroform	5.081	83	40486	2.054	ug/l	99
28) 1,1,1-Trichloroethane	5.309	97	34629	2.115	ug/l	99
29) 1,1-Dichloropropene	5.521	75	26333	2.007	ug/l	96
30) Carbon Tetrachloride	5.515	117	31408	2.353	ug/l	97
31) Isopropyl Ether	3.984	45	46275	1.571	ug/l	87
32) Ethyl-t-butyl ether	4.489	59	43430	1.526	ug/l	97
33) Tert-Amyl methyl ether	5.933	73	38381	1.899	ug/l	99
34) Propionitrile	4.801	54	8305m	8.104	ug/l	
35) Benzene	5.769	78	80391	1.988	ug/l	98
36) 1,2-Dichloroethane	5.788	62	25457	2.266	ug/l	96
37) Trichloroethene	6.541	130	21355	2.133	ug/l	94
38) 1,2-Dichloropropane	6.785	63	22531	2.060	ug/l	97
39) Methacrylonitrile	4.981	41	4810m	1.297	ug/l	
40) Methyl acrylate	4.865	55	8962m	1.380	ug/l	
41) Tetrahydrofuran	5.071	42	6034	2.988	ug/l	# 73
42) 1-Chlorobutane	5.454	56	33139	1.832	ug/l	89
43) Dibromomethane	6.913	93	10777	1.948	ug/l	95
44) Bromodichloromethane	7.100	83	29732	2.238	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090324\
 Data File : VU060585.D
 Acq On : 03 Sep 2024 15:16
 Operator : MD/SY
 Sample : VU0903WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/06/2024
 Supervised By :Semsettin Yesilyurt 09/06/2024

Quant Time: Sep 04 05:43:02 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	54029	10.399	ug/l	93
46) t-1,4-Dichloro-2-butene	10.827	75	10338m	3.551	ug/l	
47) Methyl methacrylate	6.962	69	17303	3.854	ug/l	93
48) Ethyl methacrylate	8.331	69	14592	1.914	ug/l	93
49) Toluene	7.965	92	45106	2.012	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	23120	2.108	ug/l	97
51) cis-1,3-Dichloropropene	7.602	75	28679	2.174	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	16277	2.004	ug/l	94
53) 1,3-Dichloropropane	8.569	76	25898	1.998	ug/l	99
54) 2-Hexanone	8.685	43	39459	9.799	ug/l	90
55) Dibromochloromethane	8.804	129	19639	2.204	ug/l	97
56) 1,2-Dibromoethane	8.920	107	14673	2.014	ug/l	98
58) Tetrachloroethene	8.547	164	20494	2.291	ug/l	95
59) Chlorobenzene	9.441	112	52762	2.174	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	19900	2.081	ug/l	98
61) Pentachloroethane	11.418	117	15145	1.854	ug/l	99
62) Hexachloroethane	12.470	117	15562	1.971	ug/l	99
63) Ethyl Benzene	9.563	91	78103	2.084	ug/l	98
64) m/p-Xylenes	9.688	106	61230	4.012	ug/l	98
65) o-Xylene	10.093	106	31604	2.147	ug/l	98
66) Styrene	10.110	104	49226	2.012	ug/l	98
67) Bromoform	10.286	173	10742	2.059	ug/l	97
69) Isopropylbenzene	10.476	105	77790	2.094	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	20225	1.871	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	18181m	2.271	ug/l	
72) Bromobenzene	10.775	156	20631	2.070	ug/l	78
73) n-propylbenzene	10.900	120	20925	2.003	ug/l	98
74) 2-Chlorotoluene	10.981	126	20670	2.041	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	67610	2.037	ug/l	99
76) 4-Chlorotoluene	11.090	126	21452	2.039	ug/l	99
77) tert-Butylbenzene	11.412	119	66677	2.097	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	67391	2.001	ug/l	99
79) sec-Butylbenzene	11.637	105	86024	2.006	ug/l	100
80) Nitrobenzene	13.222	77	2289m	4.823	ug/l	
81) p-Isopropyltoluene	11.788	119	70632	2.043	ug/l	97
82) 1,3-Dichlorobenzene	11.740	146	44095	2.120	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	42010	2.035	ug/l	95
84) n-Butylbenzene	12.203	91	66548	1.998	ug/l	96
85) 1,2-Dichlorobenzene	12.206	146	41754	2.076	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	2608	1.664	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	20322	1.766	ug/l	99
88) Hexachlorobutadiene	14.013	225	15132	2.034	ug/l	97
89) Naphthalene	14.087	128	27516m	1.352	ug/l	
90) 1,2,3-Trichlorobenzene	14.322	180	18094	1.611	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090324\
 Data File : VU060585.D
 Acq On : 03 Sep 2024 15:16
 Operator : MD/SY
 Sample : VU0903WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBS01

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 09/06/2024
 Supervised By : Semsettin Yesilyurt 09/06/2024

Quant Time: Sep 04 05:43:02 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

