

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061607.D
 Acq On : 12 Nov 2024 17:24
 Operator : MD/SY
 Sample : VU1112WBS01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/13/2024
 Supervised By : Mahesh Dadoda 11/13/2024

Quant Time: Nov 13 05:08:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 05:00:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	45006	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14845	0.951	ug/l	0.00
Spiked Amount	1.000		Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15292	0.983	ug/l	0.00
Spiked Amount	1.000		Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	21424	1.852	ug/l	96
3) Chloromethane	1.518	50	22902	2.070	ug/l	99
4) Vinyl Chloride	1.599	62	25754	2.069	ug/l	97
5) Bromomethane	1.853	94	16906	2.151	ug/l	100
6) Chloroethane	1.930	64	20187	2.005	ug/l	98
7) Trichlorofluoromethane	2.132	101	36567	2.052	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	17775	1.864	ug/l	99
9) 1,1-Dichloroethene	2.573	96	19800	1.982	ug/l	96
10) Iodomethane	2.714	142	15292	1.932	ug/l	99
11) Allyl Chloride	2.917	41	22576	1.953	ug/l	99
12) Acrylonitrile	3.325	53	8199m	4.149	ug/l	
13) Acetone	2.644	43	17554	6.364	ug/l	99
14) Carbon Disulfide	2.788	76	62203	1.927	ug/l	98
15) Methylene Chloride	3.039	84	24974	2.069	ug/l	98
16) trans-1,2-Dichloroethene	3.348	96	23981	2.066	ug/l	97
17) 1,1-Dichloroethane	3.862	63	42262	2.042	ug/l	97
18) 2-Butanone	4.718	43	25210	7.882	ug/l	97
19) Cyclohexane	5.377	56	30065m	1.790	ug/l	
20) Methylcyclohexane	6.753	83	32003	1.699	ug/l	97
21) 2,2-Dichloropropane	4.650	77	30388	1.825	ug/l	99
22) cis-1,2-Dichloroethene	4.660	96	26433	2.088	ug/l	99
23) Diethyl Ether	2.370	59	15575	2.091	ug/l	98
24) tert-Butyl Alcohol	3.235	59	16076m	21.167	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	50154	2.048	ug/l	99
26) Bromochloromethane	4.965	128	11762	2.108	ug/l	97
27) Chloroform	5.078	83	46953	2.139	ug/l	98
28) 1,1,1-Trichloroethane	5.306	97	36444	2.009	ug/l	99
29) 1,1-Dichloropropene	5.518	75	32123	1.971	ug/l	97
30) Carbon Tetrachloride	5.515	117	31546	2.029	ug/l	100
31) Isopropyl Ether	3.984	45	54426	1.976	ug/l	96
32) Ethyl-t-butyl ether	4.492	59	51702	1.964	ug/l	98
33) Tert-Amyl methyl ether	5.930	73	47222	1.984	ug/l	98
34) Propionitrile	4.801	54	7202	9.377	ug/l #	91
35) Benzene	5.766	78	100057	2.060	ug/l	99
36) 1,2-Dichloroethane	5.788	62	28403	2.104	ug/l	99
37) Trichloroethene	6.534	130	25365	1.972	ug/l	99
38) 1,2-Dichloropropane	6.785	63	25175	2.064	ug/l	98
39) Methacrylonitrile	4.975	41	5291	1.986	ug/l	93
40) Methyl acrylate	4.862	55	9686m	1.972	ug/l	
41) Tetrahydrofuran	5.062	42	6262	4.144	ug/l #	86
42) 1-Chlorobutane	5.451	56	41003	2.016	ug/l	98
43) Dibromomethane	6.914	93	13303	2.060	ug/l	97
44) Bromodichloromethane	7.097	83	30326	2.079	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061607.D
 Acq On : 12 Nov 2024 17:24
 Operator : MD/SY
 Sample : VU1112WBS01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2024
 Supervised By :Mahesh Dadoda 11/13/2024

Quant Time: Nov 13 05:08:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 05:00:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	56107	9.339	ug/l	98
46) t-1,4-Dichloro-2-butene	10.817	75	13271m	4.036	ug/l	
47) Methyl methacrylate	6.955	69	20040	3.909	ug/l	97
48) Ethyl methacrylate	8.328	69	19625	1.883	ug/l	98
49) Toluene	7.962	92	59069	1.992	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	24852	1.904	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	32337	1.932	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	18191	2.055	ug/l	98
53) 1,3-Dichloropropane	8.566	76	30372	2.010	ug/l	96
54) 2-Hexanone	8.682	43	38677	7.556	ug/l	95
55) Dibromochloromethane	8.801	129	19547	2.040	ug/l	98
56) 1,2-Dibromoethane	8.917	107	17379	2.089	ug/l	98
58) Tetrachloroethene	8.547	164	22963	1.985	ug/l	99
59) Chlorobenzene	9.441	112	64608	1.972	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	21677	2.004	ug/l	99
61) Pentachloroethane	11.418	117	16149	1.985	ug/l	92
62) Hexachloroethane	12.466	117	13587	1.852	ug/l	95
63) Ethyl Benzene	9.563	91	104658	1.897	ug/l	99
64) m/p-Xylenes	9.685	106	80679	3.798	ug/l	99
65) o-Xylene	10.094	106	38895	1.878	ug/l	96
66) Styrene	10.110	104	60191	1.831	ug/l	98
67) Bromoform	10.283	173	9898	1.991	ug/l	99
69) Isopropylbenzene	10.476	105	90983	1.878	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	22035	2.021	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	17695m	2.017	ug/l	
72) Bromobenzene	10.778	156	25315	1.971	ug/l	84
73) n-propylbenzene	10.897	120	27212	1.900	ug/l	97
74) 2-Chlorotoluene	10.978	126	25387	1.986	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	82754	1.887	ug/l	100
76) 4-Chlorotoluene	11.090	126	24557	1.868	ug/l	92
77) tert-Butylbenzene	11.412	119	80606	1.882	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	80539	1.770	ug/l	99
79) sec-Butylbenzene	11.634	105	106265	1.872	ug/l	99
80) Nitrobenzene	13.219	77	1174	9.708	ug/l #	76
81) p-Isopropyltoluene	11.785	119	82950	1.754	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	47485	1.911	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	47265	1.900	ug/l	98
84) n-Butylbenzene	12.200	91	76712	1.759	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	45435	1.937	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	2557	1.834	ug/l	100
87) 1,2,4-Trichlorobenzene	13.836	180	23333	1.821	ug/l	99
88) Hexachlorobutadiene	14.013	225	14700	1.877	ug/l	98
89) Naphthalene	14.084	128	33527	1.742	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	22004	1.874	ug/l	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
Data File : VU061607.D
Acq On : 12 Nov 2024 17:24
Operator : MD/SY
Sample : VU1112WBS01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 11/13/2024
Supervised By : Mahesh Dadoda 11/13/2024

Quant Time: Nov 13 05:08:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Nov 13 05:00:10 2024
Response via : Initial Calibration

