

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061601.D
 Acq On : 12 Nov 2024 12:20
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU111224

Quant Time: Nov 13 05:03:09 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.107	96	50805	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	17724	1.006	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	18993	1.082	ug/l	0.00
Spiked Amount	1.000		Recovery	=	108.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	95207	7.290	ug/l	98
3) Chloromethane	1.518	50	103704	8.304	ug/l	100
4) Vinyl Chloride	1.602	62	122321	8.704	ug/l	99
5) Bromomethane	1.856	94	84554	9.529	ug/l	98
6) Chloroethane	1.930	64	94596	8.323	ug/l	97
7) Trichlorofluoromethane	2.133	101	186354	9.265	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	117488	10.913	ug/l	99
9) 1,1-Dichloroethene	2.573	96	118422	10.499	ug/l	98
10) Iodomethane	2.718	142	120554	9.102	ug/l	99
11) Allyl Chloride	2.917	41	141643	10.853	ug/l	98
12) Acrylonitrile	3.313	53	114501	51.332	ug/l	96
13) Acetone	2.641	43	174240	55.962	ug/l	98
14) Carbon Disulfide	2.788	76	353040	9.687	ug/l	99
15) Methylene Chloride	3.039	84	133078	9.769	ug/l	99
16) trans-1,2-Dichloroethene	3.345	96	129439	9.879	ug/l	98
17) 1,1-Dichloroethane	3.859	63	230951	9.884	ug/l	100
18) 2-Butanone	4.702	43	192372	53.279	ug/l	98
19) Cyclohexane	5.380	56	193780m	10.222	ug/l	
20) Methylcyclohexane	6.756	83	233944	11.005	ug/l	100
21) 2,2-Dichloropropane	4.653	77	194427	10.346	ug/l	98
22) cis-1,2-Dichloroethene	4.657	96	157452	11.016	ug/l	97
23) Diethyl Ether	2.370	59	78194	9.301	ug/l	99
24) tert-Butyl Alcohol	3.239	59	40409m	47.132	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	283154	10.241	ug/l	99
26) Bromochloromethane	4.965	128	66506	10.561	ug/l	99
27) Chloroform	5.078	83	247923	10.004	ug/l	100
28) 1,1,1-Trichloroethane	5.306	97	212205	10.364	ug/l	99
29) 1,1-Dichloropropene	5.518	75	176069	9.571	ug/l	99
30) Carbon Tetrachloride	5.515	117	184055	10.487	ug/l	98
31) Isopropyl Ether	3.981	45	334526	10.759	ug/l	# 1
34) Propionitrile	4.782	54	90623	104.526	ug/l	99
35) Benzene	5.766	78	554859	10.120	ug/l	99
36) 1,2-Dichloroethane	5.785	62	141737	9.303	ug/l	99
37) Trichloroethene	6.534	130	140872	9.703	ug/l	97
38) 1,2-Dichloropropane	6.782	63	130710	9.495	ug/l	100
39) Methacrylonitrile	4.968	41	31433	10.453	ug/l	97
40) Methyl acrylate	4.840	55	62959	11.353	ug/l	94
41) Tetrahydrofuran	5.049	42	86292	50.589	ug/l	97
42) 1-Chlorobutane	5.448	56	241252	10.509	ug/l	97
43) Dibromomethane	6.910	93	72729	9.976	ug/l	99
44) Bromodichloromethane	7.097	83	178609	10.848	ug/l	100
45) 4-Methyl-2-Pentanone	7.782	43	348181	51.339	ug/l	100
46) t-1,4-Dichloro-2-butene	10.820	75	44492m	11.987	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061601.D
 Acq On : 12 Nov 2024 12:20
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU111224

Quant Time: Nov 13 05:03:09 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.955	69	60918	10.527	ug/l	96
48) Ethyl methacrylate	8.325	69	124939	10.621	ug/l	100
49) Toluene	7.962	92	348704	10.415	ug/l	98
50) t-1,3-Dichloropropene	8.203	75	158469	10.757	ug/l	98
51) cis-1,3-Dichloropropene	7.599	75	190109	10.059	ug/l	99
52) 1,1,2-Trichloroethane	8.390	97	95906	9.596	ug/l	98
53) 1,3-Dichloropropane	8.566	76	162271	9.514	ug/l	99
54) 2-Hexanone	8.676	43	317773	54.993	ug/l	100
55) Dibromochloromethane	8.801	129	116138	10.735	ug/l	100
56) 1,2-Dibromoethane	8.917	107	91296	9.719	ug/l	100
58) Tetrachloroethene	8.547	164	132596	10.153	ug/l	99
59) Chlorobenzene	9.438	112	385865	10.432	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.525	131	122062	9.999	ug/l	99
61) Pentachloroethane	11.418	117	103475	11.265	ug/l	99
62) Hexachloroethane	12.467	117	98419	9.823	ug/l	99
63) Ethyl Benzene	9.563	91	677309	10.876	ug/l	100
64) m/p-Xylenes	9.685	106	539962	22.515	ug/l	100
65) o-Xylene	10.094	106	255469	10.924	ug/l	98
66) Styrene	10.107	104	421656	9.885	ug/l	99
67) Bromoform	10.283	173	62406	11.119	ug/l	99
69) Isopropylbenzene	10.476	105	669504	12.240	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	116816	9.492	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	87064m	8.791	ug/l	
72) Bromobenzene	10.772	156	155500	10.723	ug/l	100
73) n-propylbenzene	10.897	120	184835	11.430	ug/l	99
74) 2-Chlorotoluene	10.978	126	161923	11.223	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	572526	11.562	ug/l	100
76) 4-Chlorotoluene	11.090	126	168047	11.324	ug/l	98
77) tert-Butylbenzene	11.412	119	560051	11.585	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	571579	9.854	ug/l	99
79) sec-Butylbenzene	11.634	105	739347	11.537	ug/l	100
80) Nitrobenzene	13.212	77	2060	12.624	ug/l #	86
81) p-Isopropyltoluene	11.785	119	620301	10.130	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	315514	11.249	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	316205	11.262	ug/l	99
84) n-Butylbenzene	12.200	91	581721	10.312	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	290374	10.969	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	16000	8.457	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	185739	10.164	ug/l	99
88) Hexachlorobutadiene	14.013	225	97103	10.983	ug/l	99
89) Naphthalene	14.081	128	287618	9.349	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	155099	9.321	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
Data File : VU061601.D
Acq On : 12 Nov 2024 12:20
Operator : MD/SY
Sample : VSTDICV010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU111224

Quant Time: Nov 13 05:03:09 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

Manual Integrations
APPROVED

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

