

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
 Data File : VU052863.D
 Acq On : 30 Jan 2023 12:55
 Operator : JC/MD
 Sample : VU0130WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Jan 31 12:46:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 05:16:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.111	96	34428	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	12188	1.064	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	12886	1.094	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	24126	2.071	ug/l	96
3) Chloromethane	1.520	50	20623	1.865	ug/l	98
4) Vinyl Chloride	1.604	62	21742	2.036	ug/l	96
5) Bromomethane	1.858	94	12311	2.219	ug/l	97
6) Chloroethane	1.935	64	13914	2.167	ug/l	93
7) Trichlorofluoromethane	2.137	101	34182	2.198	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	18469	2.172	ug/l	98
9) 1,1-Dichloroethene	2.578	96	17080	2.126	ug/l	98
10) Iodomethane	2.723	142	19294	2.170	ug/l	96
11) Allyl Chloride	2.922	41	21498	2.239	ug/l	98
12) Acrylonitrile	3.321	53	8129	4.772	ug/l	96
13) Acetone	2.645	43	25690	10.635	ug/l	90
14) Carbon Disulfide	2.790	76	49134	1.826	ug/l	100
15) Methylene Chloride	3.044	84	28738	2.962	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	18793	2.103	ug/l	99
17) 1,1-Dichloroethane	3.867	63	35112	2.326	ug/l	98
18) 2-Butanone	4.726	43	29066	10.356	ug/l	96
19) Cyclohexane	5.378	56	24413	1.839	ug/l	92
20) Methylcyclohexane	6.758	83	23848	1.610	ug/l	95
21) 2,2-Dichloropropane	4.661	77	32613	2.327	ug/l	100
22) cis-1,2-Dichloroethene	4.661	96	20487	2.193	ug/l	96
23) Diethyl Ether	2.375	59	12365	2.177	ug/l	96
24) tert-Butyl Alcohol	3.282	59	17312m	25.316	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	42995	2.333	ug/l	99
26) Bromochloromethane	4.970	128	8943	2.050	ug/l	92
27) Chloroform	5.086	83	38975	2.409	ug/l	98
28) 1,1,1-Trichloroethane	5.311	97	35464	2.374	ug/l	100
29) 1,1-Dichloropropene	5.520	75	25587	2.031	ug/l	99
30) Carbon Tetrachloride	5.520	117	29241	2.157	ug/l	99
31) Isopropyl Ether	3.996	45	48859	2.252	ug/l	95
32) Ethyl-t-butyl ether	4.507	59	47534	2.347	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	36052	2.013	ug/l	97
34) Propionitrile	4.796	54	8266	12.863	ug/l #	78
35) Benzene	5.771	78	73811	2.020	ug/l	100
36) 1,2-Dichloroethane	5.793	62	23550	2.145	ug/l	100
37) Trichloroethene	6.536	130	18975	1.904	ug/l	96
38) 1,2-Dichloropropane	6.790	63	18913	2.040	ug/l	96
39) Methacrylonitrile	4.976	41	6186	2.410	ug/l #	89
40) Methyl acrylate	4.851	55	10043	2.207	ug/l #	97
41) Tetrahydrofuran	5.070	42	6029	4.722	ug/l #	86
42) 1-Chlorobutane	5.452	56	33346	2.071	ug/l	98
43) Dibromomethane	6.915	93	9507	2.026	ug/l	99
44) Bromodichloromethane	7.105	83	26220	2.059	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
 Data File : VU052863.D
 Acq On : 30 Jan 2023 12:55
 Operator : JC/MD
 Sample : VU0130WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Jan 31 12:46:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 05:16:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	44211	8.964	ug/l	96
46) t-1,4-Dichloro-2-butene	10.832	75	10239m	3.960	ug/l	
47) Methyl methacrylate	6.967	69	15379	3.686	ug/l	96
48) Ethyl methacrylate	8.336	69	12565	1.661	ug/l	100
49) Toluene	7.967	92	39382	1.775	ug/l	99
50) t-1,3-Dichloropropene	8.208	75	20217	1.820	ug/l	92
51) cis-1,3-Dichloropropene	7.603	75	24049	1.841	ug/l	99
52) 1,1,2-Trichloroethane	8.398	97	14369	2.153	ug/l	88
53) 1,3-Dichloropropane	8.574	76	22566	1.956	ug/l	93
54) 2-Hexanone	8.690	43	34534	8.004	ug/l	94
55) Dibromochloromethane	8.806	129	16551	1.896	ug/l	97
56) 1,2-Dibromoethane	8.922	107	12046	1.896	ug/l	99
58) Tetrachloroethene	8.549	164	17329	1.927	ug/l	97
59) Chlorobenzene	9.446	112	43892	1.817	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.529	131	19443	2.080	ug/l	96
61) Pentachloroethane	11.423	117	15702	2.050	ug/l	99
62) Hexachloroethane	12.471	117	15089	1.950	ug/l	99
63) Ethyl Benzene	9.568	91	64673	1.653	ug/l	98
64) m/p-Xylenes	9.693	106	52835	3.388	ug/l	98
65) o-Xylene	10.098	106	25262	1.679	ug/l	96
66) Styrene	10.111	104	41467	1.790	ug/l	98
67) Bromoform	10.288	173	9851	1.912	ug/l	97
69) Isopropylbenzene	10.481	105	67881	1.772	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	16984	2.041	ug/l	97
71) 1,2,3-Trichloropropane	10.819	75	12631m	1.754	ug/l	
72) Bromobenzene	10.780	156	18902	1.943	ug/l	97
73) n-propylbenzene	10.902	120	18464	1.807	ug/l	97
74) 2-Chlorotoluene	10.983	126	17704	1.830	ug/l	99
75) 1,3,5-Trimethylbenzene	11.086	105	58659	1.849	ug/l	100
76) 4-Chlorotoluene	11.095	126	18126	1.826	ug/l	99
77) tert-Butylbenzene	11.417	119	60567	1.819	ug/l	100
78) 1,2,4-Trimethylbenzene	11.465	105	58369	1.839	ug/l	99
79) sec-Butylbenzene	11.639	105	76502	1.847	ug/l	99
80) Nitrobenzene	13.208	77	4955	9.622	ug/l #	92
81) p-Isopropyltoluene	11.790	119	63669	1.836	ug/l	97
82) 1,3-Dichlorobenzene	11.745	146	40363	2.032	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	39737	1.993	ug/l	99
84) n-Butylbenzene	12.204	91	54731	1.866	ug/l	96
85) 1,2-Dichlorobenzene	12.208	146	38674	2.064	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.989	75	2985	1.937	ug/l	91
87) 1,2,4-Trichlorobenzene	13.838	180	19449	1.730	ug/l	95
88) Hexachlorobutadiene	14.018	225	15753	2.000	ug/l	96
89) Naphthalene	14.082	128	30828	1.415	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	19035	1.784	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
Data File : VU052863.D
Acq On : 30 Jan 2023 12:55
Operator : JC/MD
Sample : VU0130WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0130WBS01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Jan 31 12:46:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jan 24 05:16:59 2023
Response via : Initial Calibration

