

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012423\
 Data File : VU052784.D
 Acq On : 24 Jan 2023 11:55
 Operator : JC/MD
 Sample : VU0124WBS02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0124WBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/27/2023
 Supervised By :Mahesh Dadoda 01/30/2023

Quant Time: Jan 25 01:35:18 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	6.108	96	38129	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	12223	0.964	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	13315	1.021	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	25711	1.992	ug/l	99
3) Chloromethane	1.520	50	22275	1.819	ug/l	99
4) Vinyl Chloride	1.604	62	21432	1.812	ug/l	97
5) Bromomethane	1.858	94	13219	2.151	ug/l	94
6) Chloroethane	1.935	64	13246	1.863	ug/l	97
7) Trichlorofluoromethane	2.138	101	33923	1.969	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	20294	2.155	ug/l	95
9) 1,1-Dichloroethene	2.578	96	18274	2.054	ug/l	95
10) Iodomethane	2.723	142	19545	1.985	ug/l	95
11) Allyl Chloride	2.922	41	22114	2.080	ug/l	96
12) Acrylonitrile	3.330	53	8120m	4.304	ug/l	
13) Acetone	2.665	43	31961	11.946	ug/l	94
14) Carbon Disulfide	2.793	76	59467	1.995	ug/l	99
15) Methylene Chloride	3.044	84	27314	2.542	ug/l	99
16) trans-1,2-Dichloroethene	3.350	96	20854	2.107	ug/l	94
17) 1,1-Dichloroethane	3.867	63	36194	2.165	ug/l	98
18) 2-Butanone	4.719	43	32063	10.315	ug/l	99
19) Cyclohexane	5.385	56	27811m	1.892	ug/l	
20) Methylcyclohexane	6.761	83	29159	1.778	ug/l	97
21) 2,2-Dichloropropane	4.658	77	31578	2.034	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	20867	2.017	ug/l	97
23) Diethyl Ether	2.375	59	12571	1.999	ug/l	99
24) tert-Butyl Alcohol	3.346	59	16028m	21.163	ug/l	
25) Methyl tert-Butyl Ether	3.359	73	41019	2.010	ug/l	97
26) Bromochloromethane	4.970	128	9968	2.064	ug/l	96
27) Chloroform	5.083	83	39136	2.184	ug/l	99
28) 1,1,1-Trichloroethane	5.311	97	34480	2.084	ug/l	97
29) 1,1-Dichloropropene	5.520	75	26619	1.908	ug/l	99
30) Carbon Tetrachloride	5.520	117	29979	1.997	ug/l	98
31) Isopropyl Ether	3.990	45	46646	1.941	ug/l	93
32) Ethyl-t-butyl ether	4.498	59	43091	1.921	ug/l	99
33) Tert-Amyl methyl ether	5.938	73	36930	1.862	ug/l	99
34) Propionitrile	4.806	54	7854m	11.036	ug/l	
35) Benzene	5.771	78	79454	1.963	ug/l	97
36) 1,2-Dichloroethane	5.790	62	24241	1.994	ug/l	100
37) Trichloroethene	6.539	130	21790	1.975	ug/l	96
38) 1,2-Dichloropropane	6.787	63	19800	1.928	ug/l	98
39) Methacrylonitrile	4.973	41	4930	1.734	ug/l #	95
40) Methyl acrylate	4.848	55	9748	1.935	ug/l #	90
41) Tetrahydrofuran	5.067	42	5395m	3.816	ug/l	
42) 1-Chlorobutane	5.456	56	35604	1.996	ug/l	99
43) Dibromomethane	6.912	93	10069	1.937	ug/l	98
44) Bromodichloromethane	7.102	83	27645	1.960	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012423\
 Data File : VU052784.D
 Acq On : 24 Jan 2023 11:55
 Operator : JC/MD
 Sample : VU0124WBS02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0124WBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/27/2023
 Supervised By :Mahesh Dadoda 01/30/2023

Quant Time: Jan 25 01:35:18 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	7.790	43	48604	8.898	ug/l	98
46) t-1,4-Dichloro-2-butene	10.825	75	10110m	3.530	ug/l	
47) Methyl methacrylate	6.960	69	16729	3.621	ug/l	96
48) Ethyl methacrylate	8.330	69	14442	1.724	ug/l	98
49) Toluene	7.967	92	47479	1.932	ug/l	100
50) t-1,3-Dichloropropene	8.205	75	22712	1.847	ug/l	99
51) cis-1,3-Dichloropropene	7.604	75	27804	1.922	ug/l	99
52) 1,1,2-Trichloroethane	8.395	97	14346	1.941	ug/l	95
53) 1,3-Dichloropropane	8.571	76	24039	1.881	ug/l	95
54) 2-Hexanone	8.684	43	43986	9.205	ug/l	96
55) Dibromochloromethane	8.806	129	18307	1.894	ug/l	98
56) 1,2-Dibromoethane	8.919	107	13197	1.875	ug/l	99
58) Tetrachloroethene	8.549	164	20054	2.014	ug/l	95
59) Chlorobenzene	9.443	112	51935	1.942	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.530	131	20386	1.969	ug/l	98
61) Pentachloroethane	11.420	117	16987	2.003	ug/l	96
62) Hexachloroethane	12.468	117	16561	1.933	ug/l	97
63) Ethyl Benzene	9.565	91	77252	1.783	ug/l	99
64) m/p-Xylenes	9.690	106	64170	3.715	ug/l	95
65) o-Xylene	10.095	106	32124	1.927	ug/l	96
66) Styrene	10.108	104	50097	1.914	ug/l	99
67) Bromoform	10.288	173	10950	1.919	ug/l #	94
69) Isopropylbenzene	10.481	105	80713	1.903	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.777	83	17993	1.953	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	15684m	1.966	ug/l	
72) Bromobenzene	10.777	156	20740	1.925	ug/l	98
73) n-propylbenzene	10.902	120	21704	1.890	ug/l	98
74) 2-Chlorotoluene	10.983	126	21057	1.965	ug/l	98
75) 1,3,5-Trimethylbenzene	11.083	105	69725	1.953	ug/l	98
76) 4-Chlorotoluene	11.092	126	22397	2.037	ug/l	95
77) tert-Butylbenzene	11.417	119	71982	1.952	ug/l	99
78) 1,2,4-Trimethylbenzene	11.462	105	71585	1.988	ug/l	99
79) sec-Butylbenzene	11.639	105	91769	1.965	ug/l	100
80) Nitrobenzene	13.208	77	3677	6.447	ug/l	87
81) p-Isopropyltoluene	11.787	119	75753	1.936	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	43352	1.971	ug/l	100
83) 1,4-Dichlorobenzene	11.832	146	43410	1.966	ug/l	98
84) n-Butylbenzene	12.205	91	62315	1.903	ug/l	98
85) 1,2-Dichlorobenzene	12.208	146	41296	1.990	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.989	75	2934	1.719	ug/l	94
87) 1,2,4-Trichlorobenzene	13.835	180	21720	1.745	ug/l	97
88) Hexachlorobutadiene	14.015	225	16842	1.930	ug/l	98
89) Naphthalene	14.082	128	33352	1.382	ug/l	99
90) 1,2,3-Trichlorobenzene	14.324	180	19610	1.660	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012423\
 Data File : VU052784.D
 Acq On : 24 Jan 2023 11:55
 Operator : JC/MD
 Sample : VU0124WBS02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0124WBS02

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/27/2023
 Supervised By :Mahesh Dadoda 01/30/2023

Quant Time: Jan 25 01:35:18 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

