

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049641.D
 Acq On : 06 Jul 2022 18:07
 Operator : SY/MD
 Sample : VU0706WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0706WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 07:20:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 07:00:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	51019	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	18166	0.972	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	18039	1.048	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	27478	1.406	ug/l	94
3) Chloromethane	1.523	50	40987	2.051	ug/l	97
4) Vinyl Chloride	1.604	62	31681	1.739	ug/l	98
5) Bromomethane	1.858	94	15374	1.618	ug/l	97
6) Chloroethane	1.935	64	18456	1.809	ug/l	96
7) Trichlorofluoromethane	2.137	101	32902	1.507	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	15611	1.360	ug/l	98
9) 1,1-Dichloroethene	2.581	96	19349	1.673	ug/l	97
10) Iodomethane	2.723	142	15690	1.069	ug/l	96
11) Allyl Chloride	2.922	41	35825	1.816	ug/l	97
12) Acrylonitrile	3.324	53	12395	4.008	ug/l	97
13) Acetone	2.639	43	24719	10.955	ug/l	99
14) Carbon Disulfide	2.790	76	64657	1.698	ug/l	97
15) Methylene Chloride	3.044	84	28002	1.933	ug/l	96
16) trans-1,2-Dichloroethene	3.350	96	21996	1.811	ug/l	98
17) 1,1-Dichloroethane	3.867	63	47141	1.877	ug/l	99
18) 2-Butanone	4.723	43	40886	10.407	ug/l	98
19) Cyclohexane	5.385	56	33046m	1.376	ug/l	
20) Methylcyclohexane	6.761	83	32265	1.363	ug/l	99
21) 2,2-Dichloropropane	4.665	77	36100	1.756	ug/l	96
22) cis-1,2-Dichloroethene	4.668	96	29211	1.950	ug/l	99
23) Diethyl Ether	2.379	59	18768	1.904	ug/l	96
24) tert-Butyl Alcohol	3.227	59	35726m	31.776	ug/l	
25) Methyl tert-Butyl Ether	3.369	73	63148	1.952	ug/l	99
26) Bromochloromethane	4.977	128	12590	1.996	ug/l	100
27) Chloroform	5.089	83	47173	1.908	ug/l	98
28) 1,1,1-Trichloroethane	5.317	97	38487	1.765	ug/l	99
29) 1,1-Dichloropropene	5.523	75	32633	1.676	ug/l	99
30) Carbon Tetrachloride	5.523	117	30709	1.673	ug/l	90
31) Isopropyl Ether	4.002	45	83468	1.937	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	77726	1.906	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	66642	1.880	ug/l	99
34) Propionitrile	4.800	54	12535	10.509	ug/l	98
35) Benzene	5.774	78	105654	1.905	ug/l	100
36) 1,2-Dichloroethane	5.800	62	31231	1.980	ug/l	99
37) Trichloroethene	6.542	130	25769	1.838	ug/l	100
38) 1,2-Dichloropropane	6.793	63	28927	1.970	ug/l	98
39) Methacrylonitrile	4.986	41	9153	1.791	ug/l	96
40) Methyl acrylate	4.858	55	15739	1.967	ug/l	98
41) Tetrahydrofuran	5.073	42	11275	3.955	ug/l	99
42) 1-Chlorobutane	5.459	56	47306	1.733	ug/l	97
43) Dibromomethane	6.919	93	14718	2.011	ug/l	97
44) Bromodichloromethane	7.108	83	32409	1.848	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049641.D
 Acq On : 06 Jul 2022 18:07
 Operator : SY/MD
 Sample : VU0706WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0706WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 07:20:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 07:00:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	97912	9.858	ug/l	100
46) t-1,4-Dichloro-2-butene	10.832	75	14681m	4.542	ug/l	
47) Methyl methacrylate	6.967	69	28994	3.929	ug/l	99
48) Ethyl methacrylate	8.337	69	28323	1.913	ug/l	99
49) Toluene	7.970	92	63178	1.865	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	30970	1.828	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	36145	1.800	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	20057	1.986	ug/l	96
53) 1,3-Dichloropropane	8.578	76	35097	1.936	ug/l	100
54) 2-Hexanone	8.690	43	69214	10.034	ug/l	99
55) Dibromochloromethane	8.809	129	21914	1.900	ug/l	100
56) 1,2-Dibromoethane	8.925	107	19144	1.957	ug/l	99
58) Tetrachloroethene	8.552	164	20570	1.764	ug/l	98
59) Chlorobenzene	9.449	112	65191	1.839	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	23724	1.882	ug/l	100
61) Pentachloroethane	11.430	117	16870	1.743	ug/l	94
62) Hexachloroethane	12.475	117	16277	1.679	ug/l	98
63) Ethyl Benzene	9.571	91	113952	1.786	ug/l	99
64) m/p-Xylenes	9.693	106	86524	3.667	ug/l	99
65) o-Xylene	10.099	106	41994	1.811	ug/l	100
66) Styrene	10.115	104	69284	1.859	ug/l	99
67) Bromoform	10.291	173	12790	1.943	ug/l	99
69) Isopropylbenzene	10.484	105	108862	1.757	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	25815	1.968	ug/l	100
71) 1,2,3-Trichloropropane	10.828	75	21321m	1.963	ug/l	
72) Bromobenzene	10.780	156	27285	1.955	ug/l	98
73) n-propylbenzene	10.906	120	27174	1.738	ug/l	96
74) 2-Chlorotoluene	10.986	126	26172	1.878	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	91852	1.774	ug/l	99
76) 4-Chlorotoluene	11.099	126	26197	1.874	ug/l	99
77) tert-Butylbenzene	11.420	119	90492	1.775	ug/l	98
78) 1,2,4-Trimethylbenzene	11.468	105	96700	1.860	ug/l	100
79) sec-Butylbenzene	11.645	105	114839	1.717	ug/l	98
80) Nitrobenzene	13.208	77	4784	8.913	ug/l #	96
81) p-Isopropyltoluene	11.793	119	94058	1.734	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	51644	1.913	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	53114	1.949	ug/l	98
84) n-Butylbenzene	12.208	91	83683	1.656	ug/l	99
85) 1,2-Dichlorobenzene	12.214	146	49847	1.906	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	4322	1.889	ug/l	97
87) 1,2,4-Trichlorobenzene	13.841	180	33787	1.915	ug/l	98
88) Hexachlorobutadiene	14.021	225	15033	1.671	ug/l	97
89) Naphthalene	14.089	128	67769	1.832	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	31835	1.889	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049641.D
 Acq On : 06 Jul 2022 18:07
 Operator : SY/MD
 Sample : VU0706WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0706WBS01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 07:20:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 07:00:33 2022
 Response via : Initial Calibration

