

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
 Data File : VU028336.D
 Acq On : 26 Nov 2018 14:10
 Operator : MD/SY
 Sample : VU1126WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 2:33:39 PM

Quant Time: Nov 27 01:31:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 01:03:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	50208	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	18030	0.98	ug/l	0.00	
Spiked Amount	1.000		Recovery	=	98.00%		
68) 1,2-Dichlorobenzene-d4	11.86	152	16315	0.95	ug/l	0.00	MMDadoda
Spiked Amount	1.000		Recovery	=	95.00%		

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.21	85	32383	1.793	ug/l	100
3) Chloromethane	1.32	50	52857	1.719	ug/l	98
4) Vinyl Chloride	1.40	62	38730	1.841	ug/l	98
5) Bromomethane	1.63	94	14274	1.722	ug/l	94
6) Chloroethane	1.70	64	21428	1.745	ug/l	97
7) Trichlorofluoromethane	1.89	101	43879	1.910	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	24747	1.872	ug/l	99
9) 1,1-Dichloroethene	2.29	96	21424	1.753	ug/l	98
10) Iodomethane	2.41	142	17097	2.068	ug/l	98
11) Allyl Chloride	2.59	41	57044	1.848	ug/l	99
12) Acrylonitrile	2.95	53	12216	3.137	ug/l	91
13) Acetone	2.35	43	34467	9.552	ug/l	97
14) Carbon Disulfide	2.48	76	83511	1.799	ug/l	100
15) Methylene Chloride	2.70	84	28577	1.917	ug/l	94
16) trans-1,2-Dichloroethene	2.98	96	23419	1.712	ug/l	97
17) 1,1-Dichloroethane	3.44	63	55953	1.835	ug/l	97
18) 2-Butanone	4.30	43	49137	9.113	ug/l	97
19) Cyclohexane	4.99	56	46698	1.764	ug/l	98
20) Methylcyclohexane	6.41	83	46787	1.805	ug/l	96
21) 2,2-Dichloropropane	4.22	77	45296	1.851	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	28678	1.791	ug/l	94
23) Diethyl Ether	2.11	59	22208	1.812	ug/l	96
24) tert-Butyl Alcohol	2.89	59	21456m	17.444	ug/l	
25) Methyl tert-Butyl Ether	3.00	73	68215	1.879	ug/l	99
26) Bromochloromethane	4.55	128	11491	1.883	ug/l	99
27) Chloroform	4.67	83	52583	1.788	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	39942	1.739	ug/l	98
29) 1,1-Dichloropropene	5.13	75	41041	1.863	ug/l	99
30) Carbon Tetrachloride	5.13	117	34097	1.838	ug/l	94
31) Isopropyl Ether	3.58	45	103581	1.897	ug/l	100
32) Ethyl-t-butyl ether	4.08	59	81087	1.803	ug/l	97
33) Tert-Amyl methyl ether	5.58	73	67443	1.807	ug/l	99
34) Propionitrile	4.37	54	14194	10.479	ug/l #	76
35) Benzene	5.39	78	117781	1.816	ug/l	99
36) 1,2-Dichloroethane	5.40	62	35398	1.825	ug/l	98
37) Trichloroethene	6.19	130	24726	1.750	ug/l	98
38) 1,2-Dichloropropane	6.43	63	33742	1.824	ug/l	100
39) Methacrylonitrile	4.56	41	13550	1.868	ug/l	97
40) Methyl acrylate	4.43	55	16000	1.603	ug/l #	95
41) Tetrahydrofuran	4.67	42	13518	3.707	ug/l	97
42) 1-Chlorobutane	5.06	56	62393	1.781	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	14654	1.861	ug/l	98
44) Bromodichloromethane	6.76	83	37601	1.808	ug/l	95
45) 4-Methyl-2-Pentanone	7.47	43	113306	8.958	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	14047m	3.036	ug/l	
47) Methyl methacrylate	6.63	69	28511	3.547	ug/l	99
48) Ethyl methacrylate	8.02	69	28524	1.774	ug/l	99 MMDadoda
49) Toluene	7.64	92	67617	1.877	ug/l	96
50) t-1,3-Dichloropropene	7.88	75	35066	1.756	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	43790	1.776	ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	18891	1.709	ug/l	95
53) 1,3-Dichloropropane	8.24	76	37658	1.824	ug/l	97 11/30/2018 2:33:39 PM
54) 2-Hexanone	8.37	43	83429	9.169	ug/l	97
55) Dibromochloromethane	8.48	129	20361	1.731	ug/l	95
56) 1,2-Dibromoethane	8.59	107	17890	1.777	ug/l	97
58) Tetrachloroethene	8.22	164	24245	1.874	ug/l	93
59) Chlorobenzene	9.12	112	67408	1.798	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	22921	1.804	ug/l	99
61) Pentachloroethane	11.10	117	17590	1.779	ug/l	96
62) Hexachloroethane	12.14	117	15907	1.717	ug/l	97
63) Ethyl Benzene	9.25	91	123588	1.787	ug/l	99
64) m/p-Xylenes	9.37	106	88682	3.543	ug/l	99
65) o-Xylene	9.78	106	44358	1.836	ug/l	98
66) Styrene	9.79	104	74267	1.793	ug/l	100
67) Bromoform	9.96	173	11517	1.748	ug/l	97
69) Isopropylbenzene	10.16	105	117230	1.812	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	26215	1.768	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	22593m	2.185	ug/l	
72) Bromobenzene	10.45	156	25952	1.808	ug/l	99
73) n-propylbenzene	10.59	120	29396	1.752	ug/l	93
74) 2-Chlorotoluene	10.66	126	27796	1.891	ug/l	91
75) 1,3,5-Trimethylbenzene	10.77	105	97288	1.787	ug/l	98
76) 4-Chlorotoluene	10.77	126	27204	1.826	ug/l	98
77) tert-Butylbenzene	11.10	119	91216	1.780	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	98820	1.771	ug/l	99
79) sec-Butylbenzene	11.32	105	129234	1.809	ug/l	100
80) Nitrobenzene	12.87	77	5821	8.713	ug/l #	98
81) p-Isopropyltoluene	11.48	119	100283	1.766	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	51743	1.799	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	50302	1.757	ug/l	97
84) n-Butylbenzene	11.89	91	106762	1.791	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	48930	1.788	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4349	1.823	ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	33687	1.751	ug/l	98
88) Hexachlorobutadiene	13.69	225	19152	1.840	ug/l	96
89) Naphthalene	13.74	128	65212	1.715	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	30329	1.672	ug/l	96

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

