Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020819\
Data File : VU029384.D
Acq On : 08 Feb 2019 17:46
Operator : JC/SP
Sample : VU0208WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0208WBSD01

Manual Integrations APPROVED
MMDadoda
2/18/2019 12:15:56 PM

Quant Time: Feb 09 04:04:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	51149	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	19726	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	21911	1.07	ug/l		0.00
Spiked Amount 1.000			Recovery = 107.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	37525	1.966	ug/l		99
3) Chloromethane	1.33	50	31810	1.824	ug/l		94
4) Vinyl Chloride	1.40	62	39705	1.942	ug/l		96
5) Bromomethane	1.63	94	27617	2.428	ug/l		97
6) Chloroethane	1.70	64	23151	1.938	ug/l		99
7) Trichlorofluoromethane	1.88	101	63263	2.215	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	34915	2.316	ug/l		89
9) 1,1-Dichloroethene	2.28	96	32620	2.211	ug/l		72
10) Iodomethane	2.41	142	29217	1.583	ug/l	#	78
11) Allyl Chloride	2.59	41	47762	1.930	ug/l		91
12) Acrylonitrile	2.94	53	14225	4.301	ug/l		90
13) Acetone	2.32	43	28569	8.964	ug/l	#	80
14) Carbon Disulfide	2.48	76	108878	2.090	ug/l		98
15) Methylene Chloride	2.70	84	38093	2.129	ug/l	#	76
16) trans-1,2-Dichloroethene	2.98	96	36655	2.221	ug/l	#	78
17) 1,1-Dichloroethane	3.44	63	50553	1.933	ug/l	#	93
18) 2-Butanone	4.28	43	32366	9.086	ug/l		98
19) Cyclohexane	4.99	56	38074	1.570	ug/l	#	85
20) Methylcyclohexane	6.41	83	52402	2.058	ug/l	#	81
21) 2,2-Dichloropropane	4.22	77	47177	1.949	ug/l	#	87
22) cis-1,2-Dichloroethene	4.22	96	33886	2.180	ug/l		74
23) Diethyl Ether	2.10	59	24252	2.047	ug/l		88
24) tert-Butyl Alcohol	2.84	59	26322	21.376	ug/l		100
25) Methyl tert-Butyl Ether	3.00	73	89509	2.154	ug/l	#	85
26) Bromochloromethane	4.55	128	14636	2.132	ug/l		71
27) Chloroform	4.67	83	53109	2.089	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	48749	2.068	ug/l		95
29) 1,1-Dichloropropene	5.13	75	41134	2.010	ug/l		89
30) Carbon Tetrachloride	5.13	117	44106	2.067	ug/l		98
31) Isopropyl Ether	3.58	45	75946	1.925	ug/l		91
32) Ethyl-t-butyl ether	4.08	59	77348	1.956	ug/l		89
33) Tert-Amyl methyl ether	5.58	73	72150	2.018	ug/l		98
34) Propionitrile	4.34	54	9305	9.937	ug/l	#	86
35) Benzene	5.39	78	116042	2.051	ug/l		99
36) 1,2-Dichloroethane	5.41	62	33704	1.969	ug/l	#	90
37) Trichloroethene	6.18	130	36301	2.236	ug/l		87
38) 1,2-Dichloropropane	6.43	63	29764	2.022	ug/l		95
39) Methacrylonitrile	4.56	41	8470	1.766	ug/l	#	82
40) Methyl acrylate	4.43	55	12874	1.779	ug/l	#	84
41) Tetrahydrofuran	4.66	42	7936	3.286	ug/l	#	69
42) 1-Chlorobutane	5.06	56	52491	1.915	ug/l		85

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	16011	2.041 ug/l		87
44) Bromodichloromethane	6.76	83	40235	2.013 ug/l		95
45) 4-Methyl-2-Pentanone	7.46	43	82528	8.975 ug/l	#	88
46) t-1,4-Dichloro-2-butene	10.52	75	14479m	3.232 ug/l		
47) Methyl methacrylate	6.63	69	28502	4.130 ug/l	#	70
48) Ethyl methacrylate	8.02	69	27753	1.874 ug/l		77
49) Toluene	7.63	92	74408	2.055 ug/l		98
50) t-1,3-Dichloropropene	7.88	75	35794	1.827 ug/l		95
51) cis-1,3-Dichloropropene	7.27	75	45033	1.935 ug/l	#	87
52) 1,1,2-Trichloroethane	8.07	97	20797	2.003 ug/l		92
53) 1,3-Dichloropropane	8.24	76	36611	2.007 ug/l		100
54) 2-Hexanone	8.37	43	56682	8.794 ug/l		85
55) Dibromochloromethane	8.48	129	29670	2.010 ug/l		99
56) 1,2-Dibromoethane	8.59	107	23025	2.161 ug/l		95
58) Tetrachloroethene	8.22	164	35180	2.328 ug/l		90
59) Chlorobenzene	9.12	112	88148	2.161 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	32517	2.158 ug/l		97
61) Pentachloroethane	11.10	117	23873	2.044 ug/l		88
62) Hexachloroethane	12.14	117	23708	1.860 ug/l		91
63) Ethyl Benzene	9.25	91	146782	2.072 ug/l		94
64) m/p-Xylenes	9.37	106	118510	4.305 ug/l		84
65) o-Xylene	9.78	106	56890	2.105 ug/l		87
66) Styrene	9.79	104	94497	2.098 ug/l		92
67) Bromoform	9.96	173	18636	2.030 ug/l		98
69) Isopropylbenzene	10.16	105	152159	2.108 ug/l		95
70) 1,1,2,2-Tetrachloroethane	10.46	83	27762	2.086 ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	19887m	2.176 ug/l		
72) Bromobenzene	10.45	156	39473	2.256 ug/l		84
73) n-propylbenzene	10.59	120	44163	2.196 ug/l		74
74) 2-Chlorotoluene	10.66	126	37112	2.168 ug/l		75
75) 1,3,5-Trimethylbenzene	10.77	105	126464	2.032 ug/l		94
76) 4-Chlorotoluene	10.77	126	38808	2.184 ug/l		71
77) tert-Butylbenzene	11.10	119	130107	2.115 ug/l		91
78) 1,2,4-Trimethylbenzene	11.14	105	129899	2.062 ug/l		95
79) sec-Butylbenzene	11.32	105	169259	2.103 ug/l		95
80) Nitrobenzene	12.87	77	3401m	5.735 ug/l		
81) p-Isopropyltoluene	11.47	119	145095	2.127 ug/l		93
82) 1,3-Dichlorobenzene	11.41	146	76025	2.215 ug/l		96
83) 1,4-Dichlorobenzene	11.50	146	76560	2.239 ug/l		95
84) n-Butylbenzene	11.89	91	127814	2.041 ug/l		97
85) 1,2-Dichlorobenzene	11.88	146	71711	2.209 ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4561	1.836 ug/l	#	58
87) 1,2,4-Trichlorobenzene	13.50	180	49260	2.161 ug/l		99
88) Hexachlorobutadiene	13.69	225	30550	2.314 ug/l		98
89) Naphthalene	13.74	128	85693	2.216 ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	49995	2.399 ug/l		97

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

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