Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
Data File : VU025638.D
Acq On : 25 Jul 2018 18:16
Operator : MD/SY
Sample : J3762-08 LOQ 1.00PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 26 03:44:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2018

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	35389	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	12824	0.98	ug/l		0.00
Spiked Amount 1.000			Recovery = 98.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	13513	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	10016	0.794	ug/l		92
3) Chloromethane	1.33	50	9844	0.825	ug/l		100
4) Vinyl Chloride	1.40	62	9411	0.852	ug/l		93
5) Bromomethane	1.63	94	4287	0.797	ug/l		98
6) Chloroethane	1.70	64	5884	0.888	ug/l		98
7) Trichlorofluoromethane	1.89	101	14394	0.894	ug/l		93
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	7612	0.861	ug/l		95
9) 1,1-Dichloroethene	2.28	96	7291	0.935	ug/l		90
10) Iodomethane	2.41	142	2901	1.187	ug/l		93
11) Allyl Chloride	2.59	41	11159	0.856	ug/l	#	81
12) Acrylonitrile	2.95	53	3279	1.906	ug/l		98
13) Acetone	2.33	43	6630	4.432	ug/l		93
14) Carbon Disulfide	2.48	76	23193	0.869	ug/l		100
15) Methylene Chloride	2.70	84	8388	0.902	ug/l		96
16) trans-1,2-Dichloroethene	2.98	96	7507	0.858	ug/l		98
17) 1,1-Dichloroethane	3.45	63	15484	0.892	ug/l		96
18) 2-Butanone	4.29	43	11825	4.555	ug/l		91
19) Cyclohexane	4.99	56	11564	0.864	ug/l		89
20) Methylcyclohexane	6.41	83	13525	0.824	ug/l		94
21) 2,2-Dichloropropane	4.23	77	15373	0.929	ug/l		94
22) cis-1,2-Dichloroethene	4.23	96	9507	0.863	ug/l		93
23) Diethyl Ether	2.11	59	5489	0.929	ug/l		97
24) tert-Butyl Alcohol	2.85	59	6497	9.360	ug/l	#	73
25) Methyl tert-Butyl Ether	3.01	73	18447	0.874	ug/l	#	91
26) Bromochloromethane	4.55	128	4276	0.882	ug/l		75
27) Chloroform	4.68	83	17091	0.896	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	14632	0.851	ug/l		99
29) 1,1-Dichloropropene	5.14	75	11977	0.849	ug/l		96
30) Carbon Tetrachloride	5.13	117	13089	0.838	ug/l		97
31) Isopropyl Ether	3.59	45	25446	0.915	ug/l		91
32) Ethyl-t-butyl ether	4.09	59	22054	0.835	ug/l		92
33) Tert-Amyl methyl ether	5.59	73	18949	0.812	ug/l	#	92
34) Propionitrile	4.36	54	3173	4.399	ug/l	#	72
35) Benzene	5.39	78	33453	0.848	ug/l		99
36) 1,2-Dichloroethane	5.41	62	10606	0.876	ug/l	#	92
37) Trichloroethene	6.19	130	9704	0.836	ug/l		99
38) 1,2-Dichloropropane	6.44	63	9016	0.881	ug/l		91
39) Methacrylonitrile	4.56	41	2883	0.868	ug/l		93
40) Methyl acrylate	4.44	55	4312	0.861	ug/l	#	93
41) Tetrahydrofuran	4.67	42	3182	1.622	ug/l		95
42) 1-Chlorobutane	5.07	56	16658	0.867	ug/l		99

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2018

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Quant Time: Jul 26 03:44:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.57	93	4697	0.880	ug/l		98
44) Bromodichloromethane	6.76	83	11497	0.850	ug/l	#	94
45) 4-Methyl-2-Pentanone	7.47	43	25092	4.213	ug/l		98
46) t-1,4-Dichloro-2-butene	10.52	75	2562m	2.435	ug/l		
47) Methyl methacrylate	6.63	69	7183	1.608	ug/l	#	93
48) Ethyl methacrylate	8.03	69	6757	0.753	ug/l		87
49) Toluene	7.64	92	19814	0.822	ug/l		99
50) t-1,3-Dichloropropene	7.89	75	9661	0.791	ug/l		95
51) cis-1,3-Dichloropropene	7.27	75	12222	0.835	ug/l	#	87
52) 1,1,2-Trichloroethane	8.07	97	6393	0.893	ug/l		93
53) 1,3-Dichloropropane	8.25	76	10490	0.868	ug/l		100
54) 2-Hexanone	8.37	43	17090	4.063	ug/l		98
55) Dibromochloromethane	8.48	129	6909	0.759	ug/l		95
56) 1,2-Dibromoethane	8.59	107	6248	0.902	ug/l		90
58) Tetrachloroethene	8.23	164	9542	0.914	ug/l		98
59) Chlorobenzene	9.12	112	22886	0.826	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.21	131	8239	0.801	ug/l		98
61) Pentachloroethane	11.10	117	6327	0.806	ug/l		98
62) Hexachloroethane	12.15	117	6105	0.761	ug/l		97
63) Ethyl Benzene	9.25	91	37253	0.808	ug/l		97
64) m/p-Xylenes	9.38	106	28817	1.591	ug/l		98
65) o-Xylene	9.78	106	13923	0.806	ug/l		99
66) Styrene	9.80	104	22295	0.760	ug/l		99
67) Bromoform	9.96	173	3914	0.729	ug/l	#	95
69) Isopropylbenzene	10.17	105	37123	0.796	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	7469	0.830	ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	6598m	0.941	ug/l		
72) Bromobenzene	10.45	156	10274	0.848	ug/l		90
73) n-propylbenzene	10.59	120	10679	0.812	ug/l		90
74) 2-Chlorotoluene	10.66	126	9422	0.814	ug/l		92
75) 1,3,5-Trimethylbenzene	10.78	105	30493	0.749	ug/l		96
76) 4-Chlorotoluene	10.78	126	9266	0.762	ug/l		97
77) tert-Butylbenzene	11.10	119	32007	0.797	ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	31396	0.755	ug/l		99
79) sec-Butylbenzene	11.33	105	41235	0.781	ug/l		99
80) Nitrobenzene	12.87	77	921	3.363	ug/l	#	77
81) p-Isopropyltoluene	11.48	119	34156	0.763	ug/l		97
82) 1,3-Dichlorobenzene	11.42	146	20648	0.829	ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	20893	0.860	ug/l		100
84) n-Butylbenzene	11.89	91	33678	0.802	ug/l		96
85) 1,2-Dichlorobenzene	11.88	146	18477	0.812	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1287	0.867	ug/l		94
87) 1,2,4-Trichlorobenzene	13.51	180	13353	0.843	ug/l		98
88) Hexachlorobutadiene	13.70	225	8195	0.842	ug/l		97
89) Naphthalene	13.75	128	19856	0.772	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	11380	0.786	ug/l		96

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

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