Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072518\
Data File : VU025640.D
Acq On : 25 Jul 2018 19:05
Operator : MD/SY
Sample : VSTDCCC010EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 26 05:08:49 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 : VSTDCCC010EC

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	36127	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	13468	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	14888	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	123521	9.588	ug/l	100
3) Chloromethane	1.33	50	108125	8.877	ug/l	99
4) Vinyl Chloride	1.40	62	107701	9.554	ug/l	99
5) Bromomethane	1.63	94	48976	8.920	ug/l	99
6) Chloroethane	1.70	64	64465	9.530	ug/l	98
7) Trichlorofluoromethane	1.89	101	159505	9.703	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	88795	9.838	ug/l	98
9) 1,1-Dichloroethene	2.28	96	75380	9.464	ug/l	96
10) Iodomethane	2.41	142	64162	8.418	ug/l	96
11) Allyl Chloride	2.59	41	127155	9.550	ug/l	86
12) Acrylonitrile	2.94	53	32800	18.680	ug/l	97
13) Acetone	2.33	43	71090	46.554	ug/l	96
14) Carbon Disulfide	2.48	76	255363	9.374	ug/l	100
15) Methylene Chloride	2.70	84	83760	8.821	ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	86017	9.632	ug/l	94
17) 1,1-Dichloroethane	3.45	63	170448	9.623	ug/l	99
18) 2-Butanone	4.28	43	126971	47.915	ug/l	100
19) Cyclohexane	5.00	56	138799	10.163	ug/l	89
20) Methylcyclohexane	6.42	83	166805	9.956	ug/l	94
21) 2,2-Dichloropropane	4.23	77	160889	9.527	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	109119	9.705	ug/l	94
23) Diethyl Ether	2.10	59	59114	9.799	ug/l	96
24) tert-Butyl Alcohol	2.85	59	67011	94.565	ug/l #	80
25) Methyl tert-Butyl Ether	3.01	73	206375	9.581	ug/l	98
26) Bromochloromethane	4.55	128	46809	9.454	ug/l	84
27) Chloroform	4.68	83	188232	9.670	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	171599	9.775	ug/l	98
29) 1,1-Dichloropropene	5.14	75	141659	9.839	ug/l	97
30) Carbon Tetrachloride	5.13	117	157206	9.861	ug/l	99
31) Isopropyl Ether	3.58	45	276114	9.730	ug/l	94
32) Ethyl-t-butyl ether	4.09	59	263807	9.783	ug/l	95
33) Tert-Amyl methyl ether	5.59	73	234958	9.868	ug/l	97
34) Propionitrile	4.35	54	37137	50.439	ug/l #	93
35) Benzene	5.39	78	396074	9.840	ug/l	100
36) 1,2-Dichloroethane	5.41	62	123510	9.996	ug/l	98
37) Trichloroethene	6.19	130	113126	9.541	ug/l	99
38) 1,2-Dichloropropane	6.44	63	102620	9.826	ug/l	99
39) Methacrylonitrile	4.56	41	33179	9.789	ug/l	93
40) Methyl acrylate	4.44	55	51055	9.987	ug/l #	95
41) Tetrahydrofuran	4.66	42	32008	15.982	ug/l	89
42) 1-Chlorobutane	5.07	56	195319	9.952	ug/l	99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

Instrument : MSVOA_U
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	54172	9.937	ug/l		99
44) Bromodichloromethane	6.76	83	138250	10.007	ug/l		98
45) 4-Methyl-2-Pentanone	7.47	43	306801	50.459	ug/l		98
46) t-1,4-Dichloro-2-butene	10.52	75	42198m	16.592	ug/l		
47) Methyl methacrylate	6.63	69	93196	20.441	ug/l		94
48) Ethyl methacrylate	8.02	69	92064	10.052	ug/l		99
49) Toluene	7.64	92	250523	10.185	ug/l		100
50) t-1,3-Dichloropropene	7.89	75	124997	10.023	ug/l		98
51) cis-1,3-Dichloropropene	7.27	75	148084	9.912	ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	73909	10.112	ug/l		93
53) 1,3-Dichloropropane	8.25	76	125641	10.182	ug/l		100
54) 2-Hexanone	8.37	43	218998	51.002	ug/l		99
55) Dibromochloromethane	8.48	129	93474	10.058	ug/l		98
56) 1,2-Dibromoethane	8.59	107	69967	9.892	ug/l		100
58) Tetrachloroethene	8.23	164	108455	10.177	ug/l		96
59) Chlorobenzene	9.12	112	279345	9.876	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	105823	10.076	ug/l		99
61) Pentachloroethane	11.10	117	81835	10.209	ug/l		99
62) Hexachloroethane	12.15	117	83402	10.189	ug/l		97
63) Ethyl Benzene	9.25	91	483168	10.268	ug/l		99
64) m/p-Xylenes	9.38	106	386888	20.921	ug/l		96
65) o-Xylene	9.78	106	182681	10.366	ug/l		98
66) Styrene	9.80	104	307560	10.276	ug/l		99
67) Bromoform	9.96	173	53511	9.760	ug/l		99
69) Isopropylbenzene	10.17	105	495159	10.398	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	90724	9.879	ug/l		98
71) 1,2,3-Trichloropropane	10.50	75	57263	8.000	ug/l	#	91
72) Bromobenzene	10.45	156	124126	10.040	ug/l		95
73) n-propylbenzene	10.59	120	143231	10.674	ug/l		93
74) 2-Chlorotoluene	10.66	126	120490	10.200	ug/l		90
75) 1,3,5-Trimethylbenzene	10.78	105	434609	10.452	ug/l		98
76) 4-Chlorotoluene	10.78	126	126643	10.199	ug/l		97
77) tert-Butylbenzene	11.10	119	423058	10.321	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	451592	10.640	ug/l		100
79) sec-Butylbenzene	11.33	105	567626	10.535	ug/l		97
80) Nitrobenzene	12.87	77	14130	50.546	ug/l		98
81) p-Isopropyltoluene	11.48	119	493191	10.795	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	256114	10.071	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	256304	10.335	ug/l		99
84) n-Butylbenzene	11.89	91	463671	10.817	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	237464	10.226	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	16162	10.666	ug/l		95
87) 1,2,4-Trichlorobenzene	13.51	180	177334	10.967	ug/l		98
88) Hexachlorobutadiene	13.70	225	101941	10.261	ug/l		98
89) Naphthalene	13.74	128	288138	10.979	ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	159528	10.797	ug/l		99

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

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