Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090718\
Data File : VU026615.D
Acq On : 07 Sep 2018 11:31
Operator : MD/SY
Sample : VU0907WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 07 23:01:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:35:41 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VU0907WBS01

Manual Integrations APPROVED
MMDadoda
9/10/2018 9:52:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	24228	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	8353	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	9734	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	15914	1.69	ug/l		96
3) Chloromethane	1.33	50	18822	2.34	ug/l		99
4) Vinyl Chloride	1.40	62	18331	2.28	ug/l		99
5) Bromomethane	1.63	94	8042	1.82	ug/l		88
6) Chloroethane	1.70	64	11353	2.36	ug/l		99
7) Trichlorofluoromethane	1.89	101	23532	1.98	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	13975	2.12	ug/l		99
9) 1,1-Dichloroethene	2.29	96	12407	2.20	ug/l		95
10) Iodomethane	2.41	142	7884	1.11	ug/l		97
11) Allyl Chloride	2.59	41	22528	2.38	ug/l		93
12) Acrylonitrile	2.94	53	6714	5.26	ug/l		96
13) Acetone	2.33	43	20345	19.43	ug/l		98
14) Carbon Disulfide	2.48	76	42878	2.20	ug/l		99
15) Methylene Chloride	2.70	84	17047	2.57	ug/l		98
16) trans-1,2-Dichloroethene	2.98	96	13556	2.08	ug/l		96
17) 1,1-Dichloroethane	3.44	63	23774	2.00	ug/l		98
18) 2-Butanone	4.29	43	21524	11.79	ug/l		99
19) Cyclohexane	4.99	56	16492	1.88	ug/l		93
20) Methylcyclohexane	6.41	83	17302	1.69	ug/l		98
21) 2,2-Dichloropropane	4.23	77	20336	1.66	ug/l		98
22) cis-1,2-Dichloroethene	4.23	96	13702	1.73	ug/l		93
23) Diethyl Ether	2.11	59	10226	2.37	ug/l		97
24) tert-Butyl Alcohol	2.86	59	11320	25.67	ug/l	#	82
25) Methyl tert-Butyl Ether	3.01	73	32371	2.21	ug/l		97
26) Bromochloromethane	4.55	128	5795	1.64	ug/l		92
27) Chloroform	4.67	83	25601	1.86	ug/l		100
28) 1,1,1-Trichloroethane	4.92	97	20096	1.64	ug/l		99
29) 1,1-Dichloropropene	5.14	75	16481	1.71	ug/l		99
30) Carbon Tetrachloride	5.13	117	17623	1.53	ug/l		99
31) Isopropyl Ether	3.58	45	37275	1.90	ug/l		96
32) Ethyl-t-butyl ether	4.08	59	30190	1.76	ug/l		97
33) Tert-Amyl methyl ether	5.58	73	25065	1.71	ug/l		99
34) Propionitrile	4.35	54	4938	9.50	ug/l	#	94
35) Benzene	5.39	78	49899	1.79	ug/l		98
36) 1,2-Dichloroethane	5.41	62	14926	1.72	ug/l		99
37) Trichloroethene	6.19	130	13022	1.66	ug/l		99
38) 1,2-Dichloropropane	6.44	63	13185	1.82	ug/l		97
39) Methacrylonitrile	4.56	41	4022	1.83	ug/l		91
40) Methyl acrylate	4.43	55	5970	1.79	ug/l	#	98
41) Tetrahydrofuran	4.66	42	4527	3.71	ug/l	#	83
42) 1-Chlorobutane	5.07	56	23941	1.83	ug/l		97

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Sep 07 23:01:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:35:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	6573	1.71 ug/l		98
44) Bromodichloromethane	6.76	83	17129	1.73 ug/l		95
45) 4-Methyl-2-Pentanone	7.47	43	36200	9.30 ug/l		98
46) t-1,4-Dichloro-2-butene	10.52	75	4301m	2.63 ug/l		
47) Methyl methacrylate	6.63	69	10587	3.61 ug/l		96
48) Ethyl methacrylate	8.02	69	9109	1.70 ug/l		98
49) Toluene	7.64	92	27436	1.72 ug/l		92
50) t-1,3-Dichloropropene	7.88	75	13820	1.63 ug/l		98
51) cis-1,3-Dichloropropene	7.27	75	16686	1.70 ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	9097	1.75 ug/l		96
53) 1,3-Dichloropropane	8.25	76	15145	1.75 ug/l		99
54) 2-Hexanone	8.37	43	29129	10.51 ug/l		97
55) Dibromochloromethane	8.48	129	11049	1.59 ug/l		100
56) 1,2-Dibromoethane	8.59	107	8166	1.61 ug/l		100
58) Tetrachloroethene	8.23	164	12434	1.67 ug/l		97
59) Chlorobenzene	9.12	112	31714	1.72 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	12075	1.64 ug/l		97
61) Pentachloroethane	11.11	117	10139	1.61 ug/l		95
62) Hexachloroethane	12.15	117	9601	1.53 ug/l		99
63) Ethyl Benzene	9.25	91	48487	1.65 ug/l		99
64) m/p-Xylenes	9.38	106	39182	3.35 ug/l		98
65) o-Xylene	9.78	106	18261	1.64 ug/l		98
66) Styrene	9.79	104	31222	1.64 ug/l		98
67) Bromoform	9.96	173	6343	1.55 ug/l		97
69) Isopropylbenzene	10.17	105	48037	1.63 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	11339	1.73 ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	7725	1.65 ug/l	#	98
72) Bromobenzene	10.46	156	13450	1.63 ug/l		98
73) n-propylbenzene	10.59	120	13638	1.58 ug/l		99
74) 2-Chlorotoluene	10.66	126	13015	1.67 ug/l		90
75) 1,3,5-Trimethylbenzene	10.77	105	42658	1.63 ug/l		100
76) 4-Chlorotoluene	10.77	126	13095	1.64 ug/l		96
77) tert-Butylbenzene	11.10	119	41952	1.61 ug/l		97
78) 1,2,4-Trimethylbenzene	11.15	105	43152	1.59 ug/l		100
79) sec-Butylbenzene	11.33	105	56340	1.65 ug/l		99
80) Nitrobenzene	12.86	77	2115	7.41 ug/l	#	90
81) p-Isopropyltoluene	11.48	119	46305	1.60 ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	27352	1.57 ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	27704	1.60 ug/l		98
84) n-Butylbenzene	11.89	91	44170	1.58 ug/l		95
85) 1,2-Dichlorobenzene	11.88	146	25552	1.60 ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1681	1.46 ug/l		90
87) 1,2,4-Trichlorobenzene	13.50	180	16128	1.44 ug/l		97
88) Hexachlorobutadiene	13.69	225	11291	1.64 ug/l		97
89) Naphthalene	13.75	128	24234	1.37 ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	16086	1.52 ug/l		100

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

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