Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
Data File : VU028337.D
Acq On : 26 Nov 2018 14:33
Operator : MD/SY
Sample : J5164-07 0.25ppb
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 27 01:42:30 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

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Manual Integrations APPROVED
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11/30/2018 2:33:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	48887	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	16921	0.94	ug/l		0.00
Spiked Amount 1.000			Recovery = 94.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	15511	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	4513	0.257	ug/l		100
3) Chloromethane	1.32	50	8647	0.289	ug/l	#	88
4) Vinyl Chloride	1.40	62	5768	0.282	ug/l		95
5) Bromomethane	1.63	94	2954	0.366	ug/l	#	72
6) Chloroethane	1.70	64	4047	0.338	ug/l	#	81
7) Trichlorofluoromethane	1.89	101	6145	0.275	ug/l		91
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	3596	0.279	ug/l		91
9) 1,1-Dichloroethene	2.29	96	3364	0.283	ug/l		98
10) Iodomethane	2.42	142	2107	0.262	ug/l		100
11) Allyl Chloride	2.59	41	8096	0.269	ug/l		94
12) Acrylonitrile	2.95	53	2463	0.650	ug/l	#	92
13) Acetone	2.33	43	6317	1.798	ug/l	#	88
14) Carbon Disulfide	2.48	76	14368	0.318	ug/l		98
15) Methylene Chloride	2.70	84	5210	0.359	ug/l		97
16) trans-1,2-Dichloroethene	2.98	96	4379	0.329	ug/l	#	88
17) 1,1-Dichloroethane	3.45	63	8809m	0.297	ug/l		
18) 2-Butanone	4.29	43	6976	1.329	ug/l		96
19) Cyclohexane	5.00	56	7951m	0.308	ug/l		
20) Methylcyclohexane	6.41	83	6384	0.253	ug/l		87
21) 2,2-Dichloropropane	4.23	77	7074	0.297	ug/l	#	90
22) cis-1,2-Dichloroethene	4.23	96	4507	0.289	ug/l		96
23) Diethyl Ether	2.11	59	3441	0.288	ug/l	#	85
24) tert-Butyl Alcohol	2.86	59	3905m	3.261	ug/l		
25) Methyl tert-Butyl Ether	3.01	73	10105	0.286	ug/l	#	89
26) Bromochloromethane	4.55	128	1392	0.234	ug/l	#	70
27) Chloroform	4.67	83	11318	0.395	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	6144	0.275	ug/l	#	74
29) 1,1-Dichloropropene	5.13	75	6071	0.283	ug/l		99
30) Carbon Tetrachloride	5.13	117	4435	0.246	ug/l		85
31) Isopropyl Ether	3.58	45	14289	0.269	ug/l		97
32) Ethyl-t-butyl ether	4.07	59	12120	0.277	ug/l		98
33) Tert-Amyl methyl ether	5.58	73	9776	0.269	ug/l	#	63
34) Propionitrile	4.37	54	1516m	1.149	ug/l		
35) Benzene	5.39	78	18008	0.285	ug/l		97
36) 1,2-Dichloroethane	5.40	62	5383	0.285	ug/l	#	92
37) Trichloroethene	6.19	130	4362	0.317	ug/l		87
38) 1,2-Dichloropropane	6.43	63	4641	0.258	ug/l	#	88
39) Methacrylonitrile	4.56	41	1852m	0.262	ug/l		
40) Methyl acrylate	4.44	55	2135	0.220	ug/l	#	79
41) Tetrahydrofuran	4.67	42	1965	0.553	ug/l	#	79
42) 1-Chlorobutane	5.07	56	8931	0.262	ug/l		91

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11/30/2018 2:33:41 PM

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QLast Update : Tue Nov 27 01:03:50 2018
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11/30/2018 2:33:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
43) Dibromomethane	6.57	93	2190	0.286	ug/l		98	
44) Bromodichloromethane	6.76	83	6097	0.301	ug/l		98	
45) 4-Methyl-2-Pentanone	7.47	43	16670	1.354	ug/l		94	
46) t-1,4-Dichloro-2-butene	10.52	75	2162m	0.480	ug/l			
47) Methyl methacrylate	6.63	69	3854	0.492	ug/l	#	97	
48) Ethyl methacrylate	8.03	69	3553	0.227	ug/l		91	MMDadoda
49) Toluene	7.64	92	9049	0.258	ug/l		99	
50) t-1,3-Dichloropropene	7.88	75	4880	0.251	ug/l		92	
51) cis-1,3-Dichloropropene	7.27	75	6202	0.258	ug/l		96	
52) 1,1,2-Trichloroethane	8.07	97	2544	0.236	ug/l		92	
53) 1,3-Dichloropropane	8.24	76	5244	0.261	ug/l		96	11/30/2018 2:33:41 PM
54) 2-Hexanone	8.37	43	11772	1.329	ug/l		96	
55) Dibromochloromethane	8.48	129	2977	0.260	ug/l		93	
56) 1,2-Dibromoethane	8.59	107	2515	0.256	ug/l		99	
58) Tetrachloroethene	8.23	164	3891	0.309	ug/l		99	
59) Chlorobenzene	9.12	112	9758	0.267	ug/l		97	
60) 1,1,1,2-Tetrachloroethane	9.21	131	3071	0.248	ug/l		93	
61) Pentachloroethane	11.10	117	2853	0.296	ug/l		83	
62) Hexachloroethane	12.15	117	2243	0.249	ug/l		86	
63) Ethyl Benzene	9.25	91	18068	0.268	ug/l		99	
64) m/p-Xylenes	9.38	106	12800	0.525	ug/l		95	
65) o-Xylene	9.78	106	6204	0.264	ug/l		97	
66) Styrene	9.79	104	10422	0.258	ug/l		98	
67) Bromoform	9.96	173	1603	0.250	ug/l	#	91	
69) Isopropylbenzene	10.17	105	15982	0.254	ug/l		100	
70) 1,1,2,2-Tetrachloroethane	10.45	83	3619	0.251	ug/l		99	
71) 1,2,3-Trichloropropane	10.49	75	2947m	0.293	ug/l			
72) Bromobenzene	10.45	156	3436	0.246	ug/l		83	
73) n-propylbenzene	10.59	120	3958	0.242	ug/l		87	
74) 2-Chlorotoluene	10.66	126	3765	0.263	ug/l		98	
75) 1,3,5-Trimethylbenzene	10.77	105	12938	0.244	ug/l		93	
76) 4-Chlorotoluene	10.77	126	4049	0.279	ug/l		91	
77) tert-Butylbenzene	11.10	119	12841	0.257	ug/l		97	
78) 1,2,4-Trimethylbenzene	11.15	105	13183	0.243	ug/l		97	
79) sec-Butylbenzene	11.32	105	17792	0.256	ug/l		100	
80) Nitrobenzene	12.87	77	873	1.342	ug/l	#	64	
81) p-Isopropyltoluene	11.48	119	13813	0.250	ug/l		95	
82) 1,3-Dichlorobenzene	11.42	146	7788	0.278	ug/l		98	
83) 1,4-Dichlorobenzene	11.51	146	7874	0.283	ug/l		97	
84) n-Butylbenzene	11.89	91	15295	0.264	ug/l		98	
85) 1,2-Dichlorobenzene	11.88	146	7423	0.279	ug/l		95	
86) 1,2-Dibromo-3-Chloropropan	12.66	75	510	0.220	ug/l	#	88	
87) 1,2,4-Trichlorobenzene	13.50	180	6042	0.323	ug/l		88	
88) Hexachlorobutadiene	13.69	225	3177	0.313	ug/l		90	
89) Naphthalene	13.74	128	11480	0.310	ug/l	#	93	
90) 1,2,3-Trichlorobenzene	13.99	180	5041	0.285	ug/l		95	

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

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