Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102318\
Data File : VU027754.D
Acq On : 23 Oct 2018 08:16
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
sam
10/24/2018 2:19:08 PM

Quant Time: Oct 24 05:19:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 09:12:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	13922	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	5688	1.08	ug/l		0.00
Spiked Amount 1.000			Recovery = 108.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	5138	1.03	ug/l		0.00
Spiked Amount 1.000			Recovery = 103.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	53557	9.688	ug/l		99
3) Chloromethane	1.33	50	55671	9.420	ug/l		98
4) Vinyl Chloride	1.40	62	53127	9.629	ug/l		99
5) Bromomethane	1.63	94	27691	9.540	ug/l		97
6) Chloroethane	1.70	64	28535	9.538	ug/l		97
7) Trichlorofluoromethane	1.89	101	64641	9.613	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	34171	9.662	ug/l		100
9) 1,1-Dichloroethene	2.29	96	30408	9.793	ug/l		99
10) Iodomethane	2.41	142	44831	10.743	ug/l		100
11) Allyl Chloride	2.59	41	71791	9.766	ug/l		99
12) Acrylonitrile	2.94	53	17101	18.069	ug/l		99
13) Acetone	2.33	43	39695	45.958	ug/l		100
14) Carbon Disulfide	2.48	76	112358	9.720	ug/l		99
15) Methylene Chloride	2.70	84	35056	8.959	ug/l		99
16) trans-1,2-Dichloroethene	2.98	96	34214	9.898	ug/l		97
17) 1,1-Dichloroethane	3.45	63	72028	9.442	ug/l		99
18) 2-Butanone	4.28	43	67314	46.939	ug/l		99
19) Cyclohexane	4.99	56	75724m	11.073	ug/l		
20) Methylcyclohexane	6.41	83	69808	10.068	ug/l		100
21) 2,2-Dichloropropane	4.23	77	67245	9.985	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	39578	9.564	ug/l		99
23) Diethyl Ether	2.11	59	29675	10.050	ug/l		98
24) tert-Butyl Alcohol	2.85	59	31795	100.948	ug/l	#	81
25) Methyl tert-Butyl Ether	3.01	73	98145	9.926	ug/l		99
26) Bromochloromethane	4.55	128	16314	9.827	ug/l		99
27) Chloroform	4.68	83	72807	9.803	ug/l		97
28) 1,1,1-Trichloroethane	4.92	97	65697	9.937	ug/l		99
29) 1,1-Dichloropropene	5.13	75	58354	10.107	ug/l		99
30) Carbon Tetrachloride	5.13	117	57863	9.796	ug/l		97
31) Isopropyl Ether	3.58	45	132539	9.647	ug/l		100
32) Ethyl-t-butyl ether	4.08	59	117682	9.654	ug/l		100
33) Tert-Amyl methyl ether	5.58	73	101957	9.854	ug/l		100
34) Propionitrile	4.34	54	17689	51.734	ug/l		98
35) Benzene	5.39	78	158690	9.835	ug/l		98
36) 1,2-Dichloroethane	5.41	62	52863	9.844	ug/l		100
37) Trichloroethene	6.19	130	39307	9.875	ug/l		97
38) 1,2-Dichloropropane	6.44	63	44134	9.740	ug/l		99
39) Methacrylonitrile	4.55	41	18949	10.035	ug/l		97
40) Methyl acrylate	4.43	55	25112	10.209	ug/l		98
41) Tetrahydrofuran	4.66	42	18359	17.596	ug/l		98
42) 1-Chlorobutane	5.07	56	88810	9.749	ug/l		95

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ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Oct 24 05:19:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 09:12:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	20995	10.191	ug/l		99
44) Bromodichloromethane	6.76	83	56780	10.153	ug/l		100
45) 4-Methyl-2-Pentanone	7.47	43	168874	50.503	ug/l		100
46) t-1,4-Dichloro-2-butene	10.52	75	26455m	21.945	ug/l		
47) Methyl methacrylate	6.63	69	44294	20.389	ug/l		99
48) Ethyl methacrylate	8.02	69	46671	10.337	ug/l		97
49) Toluene	7.64	92	98187	10.256	ug/l		98
50) t-1,3-Dichloropropene	7.88	75	57622	10.340	ug/l		96
51) cis-1,3-Dichloropropene	7.27	75	68520	10.437	ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	28358	10.191	ug/l		98
53) 1,3-Dichloropropane	8.24	76	53577	10.023	ug/l		100
54) 2-Hexanone	8.37	43	121706	51.076	ug/l		100
55) Dibromochloromethane	8.48	129	36517	10.440	ug/l		100
56) 1,2-Dibromoethane	8.59	107	27677	10.132	ug/l		98
58) Tetrachloroethene	8.23	164	36519	9.727	ug/l		99
59) Chlorobenzene	9.12	112	102731	10.012	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	37470	10.046	ug/l		100
61) Pentachloroethane	11.10	117	29006	10.426	ug/l		96
62) Hexachloroethane	12.15	117	32460	10.621	ug/l		99
63) Ethyl Benzene	9.25	91	197310	10.152	ug/l		100
64) m/p-Xylenes	9.38	106	142032	20.481	ug/l		98
65) o-Xylene	9.78	106	67410	9.804	ug/l		97
66) Styrene	9.79	104	117349	10.343	ug/l		99
67) Bromoform	9.96	173	22211	10.972	ug/l		99
69) Isopropylbenzene	10.17	105	187578	9.965	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	36973	9.997	ug/l		97
71) 1,2,3-Trichloropropane	10.49	75	24713	8.599	ug/l	#	92
72) Bromobenzene	10.45	156	42638	10.166	ug/l		96
73) n-propylbenzene	10.59	120	50198	10.340	ug/l		98
74) 2-Chlorotoluene	10.66	126	42186	10.147	ug/l		97
75) 1,3,5-Trimethylbenzene	10.77	105	159787	10.173	ug/l		99
76) 4-Chlorotoluene	10.77	126	43868	10.413	ug/l		99
77) tert-Butylbenzene	11.10	119	154780	10.018	ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	164742	10.209	ug/l		98
79) sec-Butylbenzene	11.32	105	210933	10.310	ug/l		99
80) Nitrobenzene	12.86	77	9795	71.656	ug/l		98
81) p-Isopropyltoluene	11.48	119	174154	10.415	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	86263	10.394	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	84696	10.185	ug/l		99
84) n-Butylbenzene	11.89	91	178415	10.983	ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	78659	9.933	ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	7081	10.308	ug/l		96
87) 1,2,4-Trichlorobenzene	13.50	180	62121	10.796	ug/l		98
88) Hexachlorobutadiene	13.69	225	35487	10.282	ug/l		97
89) Naphthalene	13.74	128	114432	10.589	ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	56673	10.350	ug/l		100

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

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