Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
Data File : VU028340.D
Acq On : 26 Nov 2018 15:45
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
11/30/2018 2:33:44 PM

Quant Time: Nov 27 01:52:36 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	50425	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	17208	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery = 93.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	16684	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	172280	9.498	ug/l	100
3) Chloromethane	1.32	50	281962	9.133	ug/l	99
4) Vinyl Chloride	1.40	62	205452	9.723	ug/l	100
5) Bromomethane	1.63	94	66986	8.047	ug/l	94
6) Chloroethane	1.70	64	118199	9.582	ug/l	98
7) Trichlorofluoromethane	1.89	101	225999	9.793	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	132357	9.972	ug/l	99
9) 1,1-Dichloroethene	2.29	96	117413	9.564	ug/l	97
10) Iodomethane	2.41	142	97853	11.785	ug/l	98
11) Allyl Chloride	2.59	41	301309	9.722	ug/l	99
12) Acrylonitrile	2.95	53	78343	20.034	ug/l	94
13) Acetone	2.34	43	158936	43.857	ug/l	96
14) Carbon Disulfide	2.48	76	446465	9.574	ug/l	99
15) Methylene Chloride	2.70	84	143387	9.578	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	131514	9.572	ug/l	98
17) 1,1-Dichloroethane	3.44	63	300803	9.821	ug/l	98
18) 2-Butanone	4.29	43	270872	50.021	ug/l	100
19) Cyclohexane	4.99	56	268982	10.116	ug/l	100
20) Methylcyclohexane	6.41	83	266800	10.250	ug/l	99
21) 2,2-Dichloropropane	4.22	77	233046	9.480	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	157216	9.778	ug/l	96
23) Diethyl Ether	2.11	59	120950	9.828	ug/l	98
24) tert-Butyl Alcohol	2.88	59	116862	94.602	ug/l	98
25) Methyl tert-Butyl Ether	3.01	73	365123	10.012	ug/l	99
26) Bromochloromethane	4.55	128	58997	9.626	ug/l	96
27) Chloroform	4.67	83	277759	9.403	ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	229611	9.954	ug/l	98
29) 1,1-Dichloropropene	5.13	75	220525	9.965	ug/l	98
30) Carbon Tetrachloride	5.13	117	179175	9.619	ug/l	98
31) Isopropyl Ether	3.58	45	543156	9.902	ug/l	100
32) Ethyl-t-butyl ether	4.08	59	449741	9.955	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	374234	9.986	ug/l	100
34) Propionitrile	4.36	54	72163	53.047	ug/l #	95
35) Benzene	5.39	78	647464	9.939	ug/l	99
36) 1,2-Dichloroethane	5.40	62	191382	9.822	ug/l	100
37) Trichloroethene	6.18	130	141307	9.959	ug/l	96
38) 1,2-Dichloropropane	6.43	63	184626	9.938	ug/l	97
39) Methacrylonitrile	4.55	41	70987	9.742	ug/l	97
40) Methyl acrylate	4.43	55	94684	9.445	ug/l	97
41) Tetrahydrofuran	4.66	42	72312	19.743	ug/l	97
42) 1-Chlorobutane	5.06	56	349726	9.942	ug/l	98

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Nov 27 01:03:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	79045	9.995 ug/l	99
44) Bromodichloromethane	6.76	83	207202	9.922 ug/l	98
45) 4-Methyl-2-Pentanone	7.47	43	648976	51.089 ug/l	100
46) t-1,4-Dichloro-2-butene	10.52	75	97318m	20.946 ug/l	
47) Methyl methacrylate	6.63	69	168003	20.812 ug/l	98
48) Ethyl methacrylate	8.02	69	166408	10.306 ug/l	98
49) Toluene	7.64	92	366177	10.121 ug/l	99
50) t-1,3-Dichloropropene	7.88	75	200791	10.011 ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	247099	9.976 ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	107397	9.673 ug/l	99
53) 1,3-Dichloropropane	8.24	76	206707	9.966 ug/l	99
54) 2-Hexanone	8.37	43	456687	49.976 ug/l	99
55) Dibromochloromethane	8.48	129	114739	9.715 ug/l	96
56) 1,2-Dibromoethane	8.58	107	101791	10.065 ug/l	100
58) Tetrachloroethene	8.22	164	126543	9.741 ug/l	96
59) Chlorobenzene	9.12	112	371032	9.855 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	122490	9.601 ug/l	99
61) Pentachloroethane	11.10	117	95222	9.591 ug/l	100
62) Hexachloroethane	12.14	117	88556	9.518 ug/l	99
63) Ethyl Benzene	9.25	91	712239	10.253 ug/l	99
64) m/p-Xylenes	9.37	106	516368	20.540 ug/l	98
65) o-Xylene	9.78	106	248211	10.232 ug/l	97
66) Styrene	9.79	104	431471	10.369 ug/l	100
67) Bromoform	9.96	173	64389	9.728 ug/l	99
69) Isopropylbenzene	10.17	105	663244	10.210 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	150671	10.117 ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	104223m	10.038 ug/l	
72) Bromobenzene	10.45	156	146959	10.193 ug/l	98
73) n-propylbenzene	10.58	120	177565	10.539 ug/l	97
74) 2-Chlorotoluene	10.66	126	150806	10.216 ug/l	98
75) 1,3,5-Trimethylbenzene	10.77	105	571888	10.461 ug/l	98
76) 4-Chlorotoluene	10.77	126	155715	10.404 ug/l	97
77) tert-Butylbenzene	11.10	119	528939	10.277 ug/l	100
78) 1,2,4-Trimethylbenzene	11.15	105	588370	10.502 ug/l	100
79) sec-Butylbenzene	11.32	105	758480	10.571 ug/l	99
80) Nitrobenzene	12.86	77	36042	53.717 ug/l	99
81) p-Isopropyltoluene	11.48	119	596768	10.466 ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	296979	10.283 ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	291303	10.134 ug/l	99
84) n-Butylbenzene	11.89	91	649464	10.849 ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	277156	10.083 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	24772	10.340 ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	203883	10.551 ug/l	97
88) Hexachlorobutadiene	13.69	225	105145	10.057 ug/l	97
89) Naphthalene	13.74	128	398117	10.424 ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	184994	10.153 ug/l	99

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

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