Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU043018\
Data File : VU023543.D
Acq On : 30 Apr 2018 22:54
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
apatel
5/3/2018 4:49:23 PM
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Quant Time: May 01 05:55:16 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 01 05:06:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	50538	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	17583	1.07	ug/l		0.00
Spiked Amount 1.000			Recovery = 107.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	15785	0.98	ug/l		0.00
Spiked Amount 1.000			Recovery = 98.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	160490	9.78	ug/l		100
3) Chloromethane	1.33	50	176469	9.28	ug/l		99
4) Vinyl Chloride	1.40	62	175979	9.65	ug/l		99
5) Bromomethane	1.63	94	101638	10.42	ug/l		100
6) Chloroethane	1.70	64	96203	9.48	ug/l		98
7) Trichlorofluoromethane	1.89	101	204509	9.77	ug/l		99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	122237	9.50	ug/l		99
9) 1,1-Dichloroethene	2.29	96	113615	9.51	ug/l		97
10) Iodomethane	2.41	142	139283	9.81	ug/l		99
11) Allyl Chloride	2.60	41	207578	9.46	ug/l		100
12) Acrylonitrile	2.95	53	50745	20.59	ug/l		97
13) Acetone	2.35	43	86968	41.58	ug/l		98
14) Carbon Disulfide	2.48	76	379487	9.66	ug/l		100
15) Methylene Chloride	2.70	84	123541	9.08	ug/l		99
16) trans-1,2-Dichloroethene	2.99	96	121778	9.52	ug/l		99
17) 1,1-Dichloroethane	3.45	63	241265	9.57	ug/l		99
18) 2-Butanone	4.30	43	160868	47.60	ug/l		100
19) Cyclohexane	4.99	56	209051	9.60	ug/l		100
20) Methylcyclohexane	6.41	83	222032	9.99	ug/l		99
21) 2,2-Dichloropropane	4.23	77	176548	8.83	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	133481	9.64	ug/l		99
23) Diethyl Ether	2.11	59	95374	9.77	ug/l		99
24) tert-Butyl Alcohol	2.89	59	65914	92.75	ug/l	#	86
25) Methyl tert-Butyl Ether	3.01	73	292346	9.74	ug/l		100
26) Bromochloromethane	4.55	128	54898	10.03	ug/l		96
27) Chloroform	4.68	83	229538	9.67	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	190468	9.78	ug/l		99
29) 1,1-Dichloropropene	5.13	75	182960	9.58	ug/l		100
30) Carbon Tetrachloride	5.13	117	163035	9.95	ug/l		99
31) Isopropyl Ether	3.58	45	404920	9.52	ug/l		99
32) Ethyl-t-butyl ether	4.08	59	352300	9.69	ug/l		99
33) Tert-Amyl methyl ether	5.59	73	300245	9.76	ug/l		99
34) Propionitrile	4.37	54	46121	47.93	ug/l	#	95
35) Benzene	5.39	78	572897	10.09	ug/l		99
36) 1,2-Dichloroethane	5.41	62	160075	9.97	ug/l		100
37) Trichloroethene	6.18	130	143256	9.40	ug/l		97
38) 1,2-Dichloropropane	6.44	63	153725	9.87	ug/l		98
39) Methacrylonitrile	4.56	41	46699	9.49	ug/l		95
40) Methyl acrylate	4.44	55	68878	10.09	ug/l		99
41) Tetrahydrofuran	4.67	42	45773	18.05	ug/l		99
42) 1-Chlorobutane	5.07	56	270859	9.78	ug/l		99

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Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	67236	10.04	ug/l	99
44) Bromodichloromethane	6.76	83	168858	10.03	ug/l	99
45) 4-Methyl-2-Pentanone	7.48	43	418229	52.84	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	52731m	22.53	ug/l	
47) Methyl methacrylate	6.64	69	127390	20.99	ug/l	99
48) Ethyl methacrylate	8.03	69	113972	10.74	ug/l	99
49) Toluene	7.64	92	339154	10.34	ug/l	98
50) t-1,3-Dichloropropene	7.89	75	151613	10.55	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	190298	10.18	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	96446	10.12	ug/l	99
53) 1,3-Dichloropropane	8.25	76	173794	10.26	ug/l	100
54) 2-Hexanone	8.37	43	282445	52.38	ug/l	100
55) Dibromochloromethane	8.48	129	108185	10.36	ug/l	99
56) 1,2-Dibromoethane	8.59	107	84364	10.27	ug/l	99
58) Tetrachloroethene	8.23	164	142847	10.28	ug/l	97
59) Chlorobenzene	9.12	112	360477	10.27	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	120547	10.11	ug/l	99
61) Pentachloroethane	11.10	117	83798	9.90	ug/l	96
62) Hexachloroethane	12.15	117	81668	10.05	ug/l	99
63) Ethyl Benzene	9.25	91	624609	10.70	ug/l	99
64) m/p-Xylenes	9.38	106	494127	21.96	ug/l	100
65) o-Xylene	9.78	106	232689	10.74	ug/l	98
66) Styrene	9.80	104	403828	11.30	ug/l	100
67) Bromoform	9.96	173	58236	10.68	ug/l	100
69) Isopropylbenzene	10.17	105	601906	10.78	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	112087	10.44	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	82902m	10.78	ug/l	
72) Bromobenzene	10.46	156	144854	10.42	ug/l	96
73) n-propylbenzene	10.59	120	169549	10.99	ug/l	100
74) 2-Chlorotoluene	10.66	126	148246	10.87	ug/l	98
75) 1,3,5-Trimethylbenzene	10.78	105	527292	11.21	ug/l	99
76) 4-Chlorotoluene	10.78	126	152500	10.79	ug/l	99
77) tert-Butylbenzene	11.10	119	471253	10.70	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	530234	11.17	ug/l	99
79) sec-Butylbenzene	11.33	105	667689	10.82	ug/l	100
80) Nitrobenzene	12.87	77	21055	47.47	ug/l	98
81) p-Isopropyltoluene	11.48	119	561129	11.07	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	284979	10.27	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	290503	10.49	ug/l	100
84) n-Butylbenzene	11.89	91	531301	10.73	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	256112	10.23	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	15437	10.18	ug/l	98
87) 1,2,4-Trichlorobenzene	13.51	180	184284	10.17	ug/l	99
88) Hexachlorobutadiene	13.70	225	108760	9.90	ug/l	100
89) Naphthalene	13.75	128	301054	11.04	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	174645	10.27	ug/l	100

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

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