Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041619\
Data File : VU031210.D
Acq On : 16 Apr 2019 13:05
Operator : JC/SP
Sample : VU0416WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0416WBSD01

Manual Integrations APPROVED
MMDadoda
4/17/2019 9:15:21 AM

Quant Time: Apr 17 03:48:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:55:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	33850	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	11891	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	12787	1.03	ug/l		0.00
Spiked Amount 1.000			Recovery = 103.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	26604	1.817	ug/l		95
3) Chloromethane	1.32	50	31361	2.030	ug/l		98
4) Vinyl Chloride	1.40	62	30479	2.020	ug/l		98
5) Bromomethane	1.63	94	23613	2.671	ug/l		100
6) Chloroethane	1.70	64	19723	1.893	ug/l		98
7) Trichlorofluoromethane	1.89	101	41834	1.901	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	21428	1.956	ug/l		97
9) 1,1-Dichloroethene	2.29	96	21980	2.008	ug/l		97
10) Iodomethane	2.41	142	19271	1.304	ug/l		99
11) Allyl Chloride	2.59	41	43935	2.045	ug/l		99
12) Acrylonitrile	2.94	53	13196	4.122	ug/l		99
13) Acetone	2.33	43	26199	9.968	ug/l		100
14) Carbon Disulfide	2.48	76	79837	1.975	ug/l		99
15) Methylene Chloride	2.70	84	25822	1.830	ug/l		95
16) trans-1,2-Dichloroethene	2.98	96	24034	1.990	ug/l		99
17) 1,1-Dichloroethane	3.44	63	36483	1.907	ug/l		99
18) 2-Butanone	4.28	43	28603	9.613	ug/l		91
19) Cyclohexane	4.99	56	26430	1.964	ug/l		95
20) Methylcyclohexane	6.41	83	26062	1.909	ug/l		98
21) 2,2-Dichloropropane	4.22	77	29020	1.957	ug/l		99
22) cis-1,2-Dichloroethene	4.22	96	19726	1.873	ug/l		91
23) Diethyl Ether	2.10	59	19054	1.867	ug/l		98
24) tert-Butyl Alcohol	2.87	59	19666	18.089	ug/l	#	83
25) Methyl tert-Butyl Ether	3.00	73	61806	1.937	ug/l		96
26) Bromochloromethane	4.54	128	9906	2.063	ug/l		98
27) Chloroform	4.67	83	37053	1.958	ug/l		97
28) 1,1,1-Trichloroethane	4.91	97	31145	1.936	ug/l		98
29) 1,1-Dichloropropene	5.13	75	27465	2.036	ug/l		99
30) Carbon Tetrachloride	5.13	117	27270	1.919	ug/l		95
31) Isopropyl Ether	3.57	45	51303	1.829	ug/l		99
32) Ethyl-t-butyl ether	4.07	59	44023	1.851	ug/l		100
33) Tert-Amyl methyl ether	5.58	73	40332	1.937	ug/l		97
34) Propionitrile	4.34	54	8196	9.969	ug/l	#	85
35) Benzene	5.39	78	79396	1.977	ug/l		97
36) 1,2-Dichloroethane	5.40	62	25151	1.968	ug/l		99
37) Trichloroethene	6.18	130	19495	1.731	ug/l		89
38) 1,2-Dichloropropane	6.43	63	20293	1.898	ug/l		99
39) Methacrylonitrile	4.55	41	7292	1.969	ug/l	#	78
40) Methyl acrylate	4.44	55	8724	1.936	ug/l	#	91
41) Tetrahydrofuran	4.65	42	7793	4.121	ug/l	#	74
42) 1-Chlorobutane	5.06	56	38381	1.997	ug/l		95

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ClientSampleId : VU0416WBSD01

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:55:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	11044	1.920 ug/l	96
44) Bromodichloromethane	6.76	83	27767	2.003 ug/l	95
45) 4-Methyl-2-Pentanone	7.46	43	63569	9.367 ug/l	97
46) t-1,4-Dichloro-2-butene	10.52	75	8138m	3.146 ug/l	
47) Methyl methacrylate	6.63	69	18433	3.797 ug/l	96
48) Ethyl methacrylate	8.02	69	15541	1.869 ug/l	91
49) Toluene	7.63	92	44170	2.004 ug/l	99
50) t-1,3-Dichloropropene	7.88	75	22786	1.928 ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	26981	1.930 ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	15151	1.952 ug/l	94
53) 1,3-Dichloropropane	8.24	76	25355	1.924 ug/l	96
54) 2-Hexanone	8.37	43	40316	8.803 ug/l	97
55) Dibromochloromethane	8.48	129	17717	1.926 ug/l	97
56) 1,2-Dibromoethane	8.59	107	14119	1.957 ug/l	98
58) Tetrachloroethene	8.22	164	18185	1.900 ug/l	94
59) Chlorobenzene	9.12	112	47670	1.948 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.20	131	18077	1.971 ug/l	98
61) Pentachloroethane	11.10	117	14417	2.020 ug/l	98
62) Hexachloroethane	12.14	117	13900	2.015 ug/l	96
63) Ethyl Benzene	9.25	91	76924	1.970 ug/l	97
64) m/p-Xylenes	9.37	106	58434	3.930 ug/l	98
65) o-Xylene	9.77	106	28032	1.970 ug/l	99
66) Styrene	9.79	104	46940	1.940 ug/l	99
67) Bromoform	9.95	173	10158	1.913 ug/l	98
69) Isopropylbenzene	10.16	105	73949	1.938 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	19597	1.946 ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	15592m	2.142 ug/l	
72) Bromobenzene	10.45	156	20092	1.990 ug/l	96
73) n-propylbenzene	10.58	120	20132	1.976 ug/l	98
74) 2-Chlorotoluene	10.66	126	19064	2.029 ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	62043	1.921 ug/l	99
76) 4-Chlorotoluene	10.77	126	18996	2.007 ug/l	97
77) tert-Butylbenzene	11.10	119	62801	1.988 ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	63748	1.958 ug/l	100
79) sec-Butylbenzene	11.32	105	87055	2.048 ug/l	99
80) Nitrobenzene	12.88	77	1709m	8.670 ug/l	
81) p-Isopropyltoluene	11.47	119	68965	2.020 ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	40167	2.015 ug/l	97
83) 1,4-Dichlorobenzene	11.51	146	39950	2.069 ug/l	98
84) n-Butylbenzene	11.89	91	65051	1.972 ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	38574	2.063 ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.65	75	2888	1.993 ug/l	98
87) 1,2,4-Trichlorobenzene	13.50	180	22701	1.987 ug/l	96
88) Hexachlorobutadiene	13.69	225	16204	2.123 ug/l	98
89) Naphthalene	13.74	128	35043	1.936 ug/l	97
90) 1,2,3-Trichlorobenzene	13.98	180	22682	1.983 ug/l	99

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

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