Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072419\
Data File : VU033390.D
Acq On : 24 Jul 2019 13:35
Operator : JC/SP
Sample : VU0724WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0724WBSD01

Manual Integrations APPROVED
MMDadoda
7/25/2019 12:18:36 PM

Quant Time: Jul 25 11:56:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 24 03:53:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	26120	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	10207	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	11591	1.10	ug/l	0.00
Spiked Amount 1.000			Recovery = 110.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	23587	2.183	ug/l	96
3) Chloromethane	1.33	50	24357	2.043	ug/l	96
4) Vinyl Chloride	1.40	62	27522	2.069	ug/l	100
5) Bromomethane	1.62	94	19632	2.344	ug/l	95
6) Chloroethane	1.69	64	16979	1.817	ug/l	98
7) Trichlorofluoromethane	1.88	101	38132	2.087	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	20576	2.183	ug/l	97
9) 1,1-Dichloroethene	2.27	96	20392	2.197	ug/l	95
10) Iodomethane	2.40	142	19977	1.602	ug/l	98
11) Allyl Chloride	2.58	41	30974	2.022	ug/l	99
12) Acrylonitrile	2.92	53	10039	3.875	ug/l	95
13) Acetone	2.31	43	21608	9.775	ug/l	95
14) Carbon Disulfide	2.46	76	73187	2.075	ug/l	99
15) Methylene Chloride	2.68	84	26386	2.108	ug/l	95
16) trans-1,2-Dichloroethene	2.96	96	23084	2.094	ug/l	97
17) 1,1-Dichloroethane	3.42	63	31364	2.120	ug/l	98
18) 2-Butanone	4.26	43	17876	8.473	ug/l	98
19) Cyclohexane	4.96	56	20968m	1.931	ug/l	
20) Methylcyclohexane	6.39	83	19869	1.818	ug/l	96
21) 2,2-Dichloropropane	4.20	77	27517	2.195	ug/l	98
22) cis-1,2-Dichloroethene	4.20	96	17052	2.041	ug/l	95
23) Diethyl Ether	2.09	59	15334	1.917	ug/l	95
24) tert-Butyl Alcohol	2.82	59	19838	15.648	ug/l	99
25) Methyl tert-Butyl Ether	2.98	73	51896	1.942	ug/l	99
26) Bromochloromethane	4.53	128	7863	2.141	ug/l	98
27) Chloroform	4.65	83	36187	2.141	ug/l	99
28) 1,1,1-Trichloroethane	4.89	97	28054	2.143	ug/l	97
29) 1,1-Dichloropropene	5.11	75	20467	1.896	ug/l	99
30) Carbon Tetrachloride	5.11	117	23839	2.069	ug/l	99
31) Isopropyl Ether	3.56	45	36242	1.938	ug/l	93
32) Ethyl-t-butyl ether	4.05	59	33375	1.857	ug/l	97
33) Tert-Amyl methyl ether	5.56	73	29819	1.845	ug/l	99
34) Propionitrile	4.32	54	5759	9.515	ug/l #	88
35) Benzene	5.37	78	64610	2.071	ug/l	100
36) 1,2-Dichloroethane	5.38	62	21828	2.103	ug/l	100
37) Trichloroethene	6.16	130	16565	2.012	ug/l	98
38) 1,2-Dichloropropane	6.41	63	17646	2.050	ug/l	94
39) Methacrylonitrile	4.53	41	4212	1.753	ug/l #	85
40) Methyl acrylate	4.41	55	6510	1.742	ug/l #	72
41) Tetrahydrofuran	4.63	42	4056	3.367	ug/l	94
42) 1-Chlorobutane	5.04	56	28630	1.978	ug/l	95

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Quant Time: Jul 25 11:56:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 24 03:53:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.54	93	9557	2.006 ug/l		98
44) Bromodichloromethane	6.74	83	24225	2.109 ug/l		96
45) 4-Methyl-2-Pentanone	7.45	43	42625	8.772 ug/l		95
46) t-1,4-Dichloro-2-butene	10.50	75	7048m	3.594 ug/l		
47) Methyl methacrylate	6.61	69	12481	3.437 ug/l		99
48) Ethyl methacrylate	8.01	69	11314	1.768 ug/l		94
49) Toluene	7.62	92	35417	1.982 ug/l		96
50) t-1,3-Dichloropropene	7.86	75	17489	1.825 ug/l		96
51) cis-1,3-Dichloropropene	7.25	75	21780	1.925 ug/l		97
52) 1,1,2-Trichloroethane	8.05	97	12701	1.995 ug/l		91
53) 1,3-Dichloropropane	8.23	76	21461	1.995 ug/l		100
54) 2-Hexanone	8.35	43	28234	8.254 ug/l		94
55) Dibromochloromethane	8.46	129	15893	2.137 ug/l		97
56) 1,2-Dibromoethane	8.57	107	11469	1.932 ug/l		99
58) Tetrachloroethene	8.21	164	15978	2.140 ug/l		93
59) Chlorobenzene	9.11	112	40173	1.961 ug/l		96
60) 1,1,1,2-Tetrachloroethane	9.19	131	16999	2.185 ug/l		96
61) Pentachloroethane	11.09	117	13837	2.167 ug/l		96
62) Hexachloroethane	12.13	117	12957	2.097 ug/l		100
63) Ethyl Benzene	9.23	91	61958	1.884 ug/l		99
64) m/p-Xylenes	9.36	106	50102	3.810 ug/l		94
65) o-Xylene	9.76	106	23429	1.859 ug/l		99
66) Styrene	9.78	104	40478	1.893 ug/l		99
67) Bromoform	9.95	173	8707	2.163 ug/l		96
69) Isopropylbenzene	10.15	105	63138	1.954 ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.44	83	17958	2.128 ug/l		95
71) 1,2,3-Trichloropropane	10.48	75	11857m	1.820 ug/l		
72) Bromobenzene	10.44	156	16792	1.967 ug/l		91
73) n-propylbenzene	10.57	120	17798	1.932 ug/l		99
74) 2-Chlorotoluene	10.65	126	17817	2.119 ug/l		95
75) 1,3,5-Trimethylbenzene	10.76	105	56678	1.954 ug/l		99
76) 4-Chlorotoluene	10.76	126	17905	2.044 ug/l		96
77) tert-Butylbenzene	11.09	119	54963	1.999 ug/l		98
78) 1,2,4-Trimethylbenzene	11.13	105	57778	1.948 ug/l		100
79) sec-Butylbenzene	11.31	105	74922	1.980 ug/l		98
80) Nitrobenzene	12.86	77	1279	3.646 ug/l	#	73
81) p-Isopropyltoluene	11.46	119	61335	1.993 ug/l		98
82) 1,3-Dichlorobenzene	11.40	146	37108	2.045 ug/l		98
83) 1,4-Dichlorobenzene	11.49	146	34834	1.941 ug/l		93
84) n-Butylbenzene	11.87	91	60541	1.923 ug/l		97
85) 1,2-Dichlorobenzene	11.86	146	33873	1.991 ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.64	75	2480	1.868 ug/l		98
87) 1,2,4-Trichlorobenzene	13.49	180	18877	1.865 ug/l		98
88) Hexachlorobutadiene	13.68	225	13890	2.225 ug/l		93
89) Naphthalene	13.73	128	28427	1.814 ug/l		95
90) 1,2,3-Trichlorobenzene	13.98	180	18248	1.858 ug/l		93

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

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