Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031020\
Data File : VU037149.D
Acq On : 10 Mar 2020 13:13
Operator : JC/MD
Sample : VU0310WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0310WBS01

Manual Integrations APPROVED
sam
3/11/2020 3:32:41 PM

Quant Time: Mar 10 13:42:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Mar 09 15:46:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.15	96	15679	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.65	95	5763	0.95	ug/l		0.00
Spiked Amount 1.000			Recovery = 95.00%				
68) 1,2-Dichlorobenzene-d4	12.21	152	6057	0.98	ug/l		0.00
Spiked Amount 1.000			Recovery = 98.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	15568	2.034	ug/l		100
3) Chloromethane	1.54	50	16255	2.136	ug/l		98
4) Vinyl Chloride	1.62	62	13592	2.032	ug/l		100
5) Bromomethane	1.87	94	4808	2.061	ug/l		96
6) Chloroethane	1.95	64	6731	2.100	ug/l		99
7) Trichlorofluoromethane	2.16	101	16778	2.064	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	8337	2.186	ug/l		93
9) 1,1-Dichloroethene	2.61	96	8033	2.216	ug/l		80
10) Iodomethane	2.75	142	2224	1.719	ug/l	#	67
11) Allyl Chloride	2.95	41	14277	2.031	ug/l	#	61
12) Acrylonitrile	3.36	53	3995	4.658	ug/l	#	77
13) Acetone	2.67	43	10300	10.806	ug/l	#	76
14) Carbon Disulfide	2.82	76	24018	1.989	ug/l		100
15) Methylene Chloride	3.08	84	10465	2.299	ug/l	#	79
16) trans-1,2-Dichloroethene	3.38	96	7797	2.025	ug/l		90
17) 1,1-Dichloroethane	3.91	63	18244	2.044	ug/l		97
18) 2-Butanone	4.78	43	15078	10.349	ug/l		94
19) Cyclohexane	5.42	56	13989m	1.840	ug/l		
20) Methylcyclohexane	6.79	83	13141	1.750	ug/l	#	80
21) 2,2-Dichloropropane	4.70	77	16089	1.975	ug/l		94
22) cis-1,2-Dichloroethene	4.71	96	9644	2.022	ug/l		83
23) Diethyl Ether	2.40	59	6326	2.060	ug/l	#	87
24) tert-Butyl Alcohol	3.28	59	5976m	17.796	ug/l		
25) Methyl tert-Butyl Ether	3.41	73	22384	2.107	ug/l	#	67
26) Bromochloromethane	5.02	128	4417	2.104	ug/l		82
27) Chloroform	5.13	83	18729	1.948	ug/l		95
28) 1,1,1-Trichloroethane	5.35	97	16886	2.061	ug/l		96
29) 1,1-Dichloropropene	5.56	75	13134	1.972	ug/l		97
30) Carbon Tetrachloride	5.56	117	14509	2.023	ug/l		97
31) Isopropyl Ether	4.05	45	27344	1.919	ug/l		82
32) Ethyl-t-butyl ether	4.56	59	25328	1.883	ug/l		93
33) Tert-Amyl methyl ether	5.99	73	21414	1.855	ug/l		98
34) Propionitrile	4.85	54	3519	9.183	ug/l	#	88
35) Benzene	5.81	78	37802	1.998	ug/l		99
36) 1,2-Dichloroethane	5.83	62	13945	2.033	ug/l	#	93
37) Trichloroethene	6.57	130	9652	1.944	ug/l		92
38) 1,2-Dichloropropane	6.83	63	10663	2.054	ug/l		99
39) Methacrylonitrile	5.02	41	3765	2.036	ug/l	#	78
40) Methyl acrylate	4.90	55	5873	2.297	ug/l	#	84
41) Tetrahydrofuran	5.12	42	3417	3.704	ug/l	#	78
42) 1-Chlorobutane	5.49	56	18921	1.973	ug/l		80

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 10 13:42:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Mar 09 15:46:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.95	93	5871	2.206 ug/l	#	88
44) Bromodichloromethane	7.14	83	13968	2.016 ug/l		99
45) 4-Methyl-2-Pentanone	7.83	43	33960	9.515 ug/l	#	84
46) t-1,4-Dichloro-2-butene	10.86	75	4008m	4.103 ug/l		
47) Methyl methacrylate	7.00	69	8496	3.862 ug/l	#	62
48) Ethyl methacrylate	8.37	69	7410	1.705 ug/l		66
49) Toluene	8.00	92	22240	1.947 ug/l		96
50) t-1,3-Dichloropropene	8.24	75	11401	1.826 ug/l		98
51) cis-1,3-Dichloropropene	7.64	75	13622	1.911 ug/l	#	81
52) 1,1,2-Trichloroethane	8.43	97	7527	2.120 ug/l		94
53) 1,3-Dichloropropane	8.60	76	12463	1.979 ug/l		95
54) 2-Hexanone	8.72	43	22998	9.354 ug/l		81
55) Dibromochloromethane	8.83	129	8648	1.968 ug/l		98
56) 1,2-Dibromoethane	8.95	107	6894	2.050 ug/l		99
58) Tetrachloroethene	8.58	164	9698	2.082 ug/l		96
59) Chlorobenzene	9.47	112	24919	1.954 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.56	131	8952	1.918 ug/l		96
61) Pentachloroethane	11.45	117	7007	1.968 ug/l		87
62) Hexachloroethane	12.49	117	7451	1.955 ug/l		82
63) Ethyl Benzene	9.59	91	39880	1.832 ug/l		96
64) m/p-Xylenes	9.72	106	30933	3.754 ug/l		85
65) o-Xylene	10.12	106	15839	1.992 ug/l		97
66) Styrene	10.14	104	24122	1.854 ug/l		94
67) Bromoform	10.31	173	4869	2.099 ug/l	#	96
69) Isopropylbenzene	10.50	105	41302	1.906 ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.80	83	9311	1.994 ug/l		95
71) 1,2,3-Trichloropropane	10.84	75	7226m	1.893 ug/l		
72) Bromobenzene	10.80	156	9877	1.884 ug/l		87
73) n-propylbenzene	10.92	120	10952	1.907 ug/l		77
74) 2-Chlorotoluene	11.01	126	10238	1.969 ug/l		83
75) 1,3,5-Trimethylbenzene	11.10	105	35613	1.898 ug/l		97
76) 4-Chlorotoluene	11.12	126	10182	1.945 ug/l		68
77) tert-Butylbenzene	11.44	119	34557	1.889 ug/l		96
78) 1,2,4-Trimethylbenzene	11.48	105	36928	1.950 ug/l		94
79) sec-Butylbenzene	11.66	105	48807	1.961 ug/l		98
80) Nitrobenzene	13.25	77	504	4.930 ug/l	#	59
81) p-Isopropyltoluene	11.81	119	38568	1.966 ug/l		94
82) 1,3-Dichlorobenzene	11.76	146	21134	2.034 ug/l		96
83) 1,4-Dichlorobenzene	11.85	146	21283	2.022 ug/l		98
84) n-Butylbenzene	12.23	91	34989	1.883 ug/l		95
85) 1,2-Dichlorobenzene	12.23	146	20021	1.992 ug/l		97
86) 1,2-Dibromo-3-Chloropropan	13.02	75	1539	1.867 ug/l	#	74
87) 1,2,4-Trichlorobenzene	13.88	180	8786	1.739 ug/l		97
88) Hexachlorobutadiene	14.06	225	6490	2.075 ug/l		99
89) Naphthalene	14.12	128	12484	1.616 ug/l		98
90) 1,2,3-Trichlorobenzene	14.37	180	8688	1.767 ug/l		98

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

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