Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030920\
Data File : VU037139.D
Acq On : 09 Mar 2020 18:30
Operator : JC/MD
Sample : VU0309WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

Manual Integrations APPROVED

Quant Time: Mar 09 19:32:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Mar 09 18:12:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.15	96	15484	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.65	95	5716	0.95	ug/l		0.00
Spiked Amount 1.000			Recovery = 95.00%				
68) 1,2-Dichlorobenzene-d4	12.21	152	6136	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	15294	2.023	ug/l		98
3) Chloromethane	1.54	50	15758	2.097	ug/l		98
4) Vinyl Chloride	1.62	62	13379	2.025	ug/l		97
5) Bromomethane	1.87	94	5107	2.217	ug/l		99
6) Chloroethane	1.95	64	6440	2.035	ug/l		98
7) Trichlorofluoromethane	2.16	101	16549	2.062	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	7960	2.114	ug/l		95
9) 1,1-Dichloroethene	2.60	96	7546	2.107	ug/l		80
10) Iodomethane	2.75	142	1575	1.012	ug/l	#	74
11) Allyl Chloride	2.95	41	14364	2.069	ug/l	#	63
12) Acrylonitrile	3.36	53	3472	4.099	ug/l		89
13) Acetone	2.66	43	9257	9.834	ug/l	#	74
14) Carbon Disulfide	2.82	76	24687	2.070	ug/l		97
15) Methylene Chloride	3.08	84	10413	2.316	ug/l	#	71
16) trans-1,2-Dichloroethene	3.39	96	7779	2.046	ug/l	#	79
17) 1,1-Dichloroethane	3.91	63	18230	2.068	ug/l		97
18) 2-Butanone	4.76	43	13626	9.470	ug/l		93
19) Cyclohexane	5.42	56	14339m	1.910	ug/l		
20) Methylcyclohexane	6.79	83	14069	1.897	ug/l	#	89
21) 2,2-Dichloropropane	4.70	77	16041	1.994	ug/l		93
22) cis-1,2-Dichloroethene	4.71	96	9575	2.033	ug/l		84
23) Diethyl Ether	2.40	59	6157	2.030	ug/l	#	85
24) tert-Butyl Alcohol	3.23	59	8176	24.654	ug/l	#	94
25) Methyl tert-Butyl Ether	3.41	73	22099	2.106	ug/l	#	71
26) Bromochloromethane	5.02	128	3887	1.875	ug/l		64
27) Chloroform	5.13	83	18775	1.978	ug/l		98
28) 1,1,1-Trichloroethane	5.35	97	16881	2.086	ug/l		96
29) 1,1-Dichloropropene	5.56	75	13527	2.057	ug/l		92
30) Carbon Tetrachloride	5.56	117	14725	2.079	ug/l		92
31) Isopropyl Ether	4.05	45	28358	2.015	ug/l		85
32) Ethyl-t-butyl ether	4.56	59	25642	1.930	ug/l		94
33) Tert-Amyl methyl ether	5.99	73	22911	2.009	ug/l		97
34) Propionitrile	4.83	54	3691	9.753	ug/l		97
35) Benzene	5.81	78	37781	2.022	ug/l		100
36) 1,2-Dichloroethane	5.84	62	13403	1.979	ug/l	#	93
37) Trichloroethene	6.57	130	9808	2.001	ug/l		93
38) 1,2-Dichloropropane	6.83	63	10528	2.053	ug/l		98
39) Methacrylonitrile	5.03	41	3615	1.980	ug/l	#	82
40) Methyl acrylate	4.90	55	4594	1.819	ug/l	#	94
41) Tetrahydrofuran	5.11	42	3238	3.554	ug/l	#	72
42) 1-Chlorobutane	5.50	56	19304	2.038	ug/l		84

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0309WBS01

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Quant Time: Mar 09 19:32:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Mar 09 18:12:43 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.95	93	5181	1.971	ug/l		93
44) Bromodichloromethane	7.14	83	13758	2.011	ug/l		96
45) 4-Methyl-2-Pentanone	7.83	43	34155	9.690	ug/l	#	84
46) t-1,4-Dichloro-2-butene	10.85	75	4589m	4.757	ug/l		
47) Methyl methacrylate	7.00	69	8361	3.849	ug/l	#	65
48) Ethyl methacrylate	8.36	69	7520	1.752	ug/l	#	57
49) Toluene	8.00	92	22284	1.975	ug/l		99
50) t-1,3-Dichloropropene	8.24	75	11733	1.903	ug/l		93
51) cis-1,3-Dichloropropene	7.64	75	13253	1.882	ug/l	#	76
52) 1,1,2-Trichloroethane	8.43	97	7424	2.117	ug/l		94
53) 1,3-Dichloropropane	8.60	76	12531	2.015	ug/l		99
54) 2-Hexanone	8.72	43	22827	9.401	ug/l		81
55) Dibromochloromethane	8.84	129	8669	1.997	ug/l		98
56) 1,2-Dibromoethane	8.95	107	6468	1.948	ug/l		99
58) Tetrachloroethene	8.57	164	9541	2.074	ug/l		91
59) Chlorobenzene	9.47	112	25387	2.016	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.56	131	9337	2.026	ug/l		96
61) Pentachloroethane	11.44	117	7443	2.117	ug/l		92
62) Hexachloroethane	12.49	117	7453	1.980	ug/l		83
63) Ethyl Benzene	9.59	91	40550	1.887	ug/l		99
64) m/p-Xylenes	9.72	106	32253	3.964	ug/l		92
65) o-Xylene	10.12	106	16443	2.094	ug/l		95
66) Styrene	10.13	104	24706	1.923	ug/l		91
67) Bromoform	10.31	173	4539	1.981	ug/l	#	94
69) Isopropylbenzene	10.50	105	42029	1.964	ug/l		95
70) 1,1,2,2-Tetrachloroethane	10.80	83	9528	2.066	ug/l		97
71) 1,2,3-Trichloropropane	10.84	75	6063m	1.608	ug/l		
72) Bromobenzene	10.80	156	9824	1.897	ug/l		86
73) n-propylbenzene	10.92	120	10582	1.865	ug/l		67
74) 2-Chlorotoluene	11.00	126	10325	2.011	ug/l		85
75) 1,3,5-Trimethylbenzene	11.11	105	37093	2.002	ug/l		93
76) 4-Chlorotoluene	11.12	126	10574	2.046	ug/l		78
77) tert-Butylbenzene	11.44	119	35611	1.972	ug/l		93
78) 1,2,4-Trimethylbenzene	11.48	105	36514	1.952	ug/l		97
79) sec-Butylbenzene	11.66	105	48658	1.980	ug/l		98
80) Nitrobenzene	13.25	77	573	5.676	ug/l	#	91
81) p-Isopropyltoluene	11.81	119	38346	1.980	ug/l		95
82) 1,3-Dichlorobenzene	11.76	146	21242	2.070	ug/l		99
83) 1,4-Dichlorobenzene	11.85	146	20922	2.013	ug/l		98
84) n-Butylbenzene	12.22	91	34875	1.901	ug/l		95
85) 1,2-Dichlorobenzene	12.23	146	19755	1.990	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	13.02	75	1541	1.893	ug/l	#	73
87) 1,2,4-Trichlorobenzene	13.87	180	8923	1.788	ug/l		97
88) Hexachlorobutadiene	14.05	225	6150	1.991	ug/l		99
89) Naphthalene	14.12	128	13170	1.554	ug/l		96
90) 1,2,3-Trichlorobenzene	14.37	180	8364	1.722	ug/l	#	90

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

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