Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073020\
Data File : VU039726.D
Acq On : 30 Jul 2020 18:29
Operator : SY/MD
Sample : VU0730WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

Manual Integrations APPROVED
MMDadoda
8/12/2020 6:35:19 PM

Quant Time: Aug 03 13:35:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 31 07:12:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	20785	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	7639	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery = 94.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	7391	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	14193	1.965	ug/l	99
3) Chloromethane	1.53	50	18888	2.105	ug/l	100
4) Vinyl Chloride	1.61	62	17028	2.059	ug/l	100
5) Bromomethane	1.86	94	10280	1.818	ug/l	96
6) Chloroethane	1.94	64	12546	2.187	ug/l	95
7) Trichlorofluoromethane	2.15	101	22726	2.078	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12747	2.031	ug/l	100
9) 1,1-Dichloroethene	2.59	96	11201	1.939	ug/l	96
10) Iodomethane	2.74	142	14480	2.486	ug/l	98
11) Allyl Chloride	2.94	41	25090	2.014	ug/l	98
12) Acrylonitrile	3.34	53	9383	4.629	ug/l	94
13) Acetone	2.66	43	20449	10.721	ug/l	98
14) Carbon Disulfide	2.80	76	41126	1.942	ug/l	100
15) Methylene Chloride	3.06	84	23064	2.865	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	13284	2.023	ug/l	96
17) 1,1-Dichloroethane	3.89	63	29100	2.018	ug/l	98
18) 2-Butanone	4.75	43	32113	10.012	ug/l	99
19) Cyclohexane	5.39	56	27304m	1.957	ug/l	
20) Methylcyclohexane	6.77	83	18427	1.782	ug/l	97
21) 2,2-Dichloropropane	4.68	77	21116	1.795	ug/l #	80
22) cis-1,2-Dichloroethene	4.68	96	14483	2.046	ug/l	97
23) Diethyl Ether	2.39	59	12098	2.049	ug/l	96
24) tert-Butyl Alcohol	3.27	59	16148m	15.968	ug/l	
25) Methyl tert-Butyl Ether	3.39	73	37616	1.996	ug/l	99
26) Bromochloromethane	4.99	128	6340	2.190	ug/l	92
27) Chloroform	5.11	83	26848	1.990	ug/l	94
28) 1,1,1-Trichloroethane	5.33	97	21001	1.923	ug/l	97
29) 1,1-Dichloropropene	5.54	75	20833	1.981	ug/l	99
30) Carbon Tetrachloride	5.53	117	17711	1.984	ug/l	96
31) Isopropyl Ether	4.02	45	52768	2.007	ug/l	99
32) Ethyl-t-butyl ether	4.53	59	43561	1.947	ug/l	99
33) Tert-Amyl methyl ether	5.97	73	28869	1.789	ug/l	98
34) Propionitrile	4.83	54	8516	10.763	ug/l #	86
35) Benzene	5.79	78	48897	1.880	ug/l	97
36) 1,2-Dichloroethane	5.81	62	18837	1.932	ug/l	100
37) Trichloroethene	6.55	130	11317	1.902	ug/l	98
38) 1,2-Dichloropropane	6.80	63	13629	1.901	ug/l	97
39) Methacrylonitrile	5.00	41	7896	1.894	ug/l	96
40) Methyl acrylate	4.88	55	10959	2.038	ug/l #	96
41) Tetrahydrofuran	5.10	42	8951	4.267	ug/l #	89
42) 1-Chlorobutane	5.47	56	33200	2.012	ug/l	100

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Instrument :
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ClientSampleId :
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Quant Time: Aug 03 13:35:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 31 07:12:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.93	93	7229	1.874	ug/l		99
44) Bromodichloromethane	7.12	83	17069	1.930	ug/l		98
45) 4-Methyl-2-Pentanone	7.81	43	54244	9.284	ug/l		98
46) t-1,4-Dichloro-2-butene	10.84	75	5519m	3.176	ug/l		
47) Methyl methacrylate	6.98	69	13635	3.790	ug/l		98
48) Ethyl methacrylate	8.34	69	11293	1.705	ug/l		92
49) Toluene	7.98	92	28100	1.815	ug/l		99
50) t-1,3-Dichloropropene	8.22	75	14176	1.780	ug/l		99
51) cis-1,3-Dichloropropene	7.62	75	16640	1.777	ug/l		95
52) 1,1,2-Trichloroethane	8.41	97	9338	1.863	ug/l		93
53) 1,3-Dichloropropane	8.58	76	19089	1.984	ug/l		99
54) 2-Hexanone	8.70	43	37671	9.005	ug/l		99
55) Dibromochloromethane	8.82	129	9871	1.834	ug/l		99
56) 1,2-Dibromoethane	8.93	107	9340	1.934	ug/l		98
58) Tetrachloroethene	8.56	164	10116	1.942	ug/l		90
59) Chlorobenzene	9.45	112	29694	1.855	ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.54	131	9615	1.781	ug/l		98
61) Pentachloroethane	11.43	117	8014	1.690	ug/l		97
62) Hexachloroethane	12.47	117	6857	1.578	ug/l		98
63) Ethyl Benzene	9.57	91	49148	1.713	ug/l		100
64) m/p-Xylenes	9.70	106	38754	3.458	ug/l		98
65) o-Xylene	10.10	106	19267	1.811	ug/l		95
66) Styrene	10.11	104	31943	1.752	ug/l		99
67) Bromoform	10.29	173	4869	1.774	ug/l	#	96
69) Isopropylbenzene	10.48	105	49156	1.729	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.78	83	14101	1.955	ug/l		99
71) 1,2,3-Trichloropropane	10.83	75	12323m	2.267	ug/l		
72) Bromobenzene	10.78	156	11366	1.761	ug/l		97
73) n-propylbenzene	10.91	120	14013	1.753	ug/l		99
74) 2-Chlorotoluene	10.99	126	12100	1.792	ug/l		99
75) 1,3,5-Trimethylbenzene	11.09	105	43093	1.754	ug/l		98
76) 4-Chlorotoluene	11.10	126	12959	1.853	ug/l		100
77) tert-Butylbenzene	11.42	119	40564	1.721	ug/l		98
78) 1,2,4-Trimethylbenzene	11.47	105	44054	1.748	ug/l		100
79) sec-Butylbenzene	11.64	105	58427	1.741	ug/l		99
80) Nitrobenzene	13.20	77	851	6.971	ug/l	#	69
81) p-Isopropyltoluene	11.79	119	47635	1.762	ug/l		99
82) 1,3-Dichlorobenzene	11.74	146	25996	1.871	ug/l		97
83) 1,4-Dichlorobenzene	11.83	146	25626	1.834	ug/l		96
84) n-Butylbenzene	12.20	91	47664	1.660	ug/l		98
85) 1,2-Dichlorobenzene	12.21	146	23716	1.771	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2147	1.767	ug/l		98
87) 1,2,4-Trichlorobenzene	13.84	180	13092	1.563	ug/l		98
88) Hexachlorobutadiene	14.02	225	6723	1.768	ug/l		97
89) Naphthalene	14.08	128	37934	2.117	ug/l		100
90) 1,2,3-Trichlorobenzene	14.32	180	16028	2.027	ug/l		99

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

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