Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040067.D
Acq On : 09 Sep 2020 17:44
Operator : SY/MD
Sample : VU0909WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBS01

Manual Integrations APPROVED
MMDadoda
9/17/2020 4:47:33 PM

Quant Time: Sep 10 04:31:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 04:09:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.13	96	27189	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.63	95	9755	0.88	ug/l		0.00
Spiked Amount 1.000			Recovery = 88.00%				
68) 1,2-Dichlorobenzene-d4	12.19	152	9691	0.95	ug/l		0.00
Spiked Amount 1.000			Recovery = 95.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	15652	2.027	ug/l		97
3) Chloromethane	1.53	50	16063	1.967	ug/l		97
4) Vinyl Chloride	1.61	62	16073	2.002	ug/l		99
5) Bromomethane	1.87	94	12010	2.010	ug/l		94
6) Chloroethane	1.94	64	9842	1.858	ug/l		91
7) Trichlorofluoromethane	2.15	101	24112	2.000	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	13470	1.937	ug/l		95
9) 1,1-Dichloroethene	2.59	96	12002	2.041	ug/l		97
10) Iodomethane	2.74	142	8338	1.880	ug/l		95
11) Allyl Chloride	2.94	41	22945	1.975	ug/l		99
12) Acrylonitrile	3.34	53	7753	3.792	ug/l	#	88
13) Acetone	2.66	43	20370	10.871	ug/l		93
14) Carbon Disulfide	2.81	76	32845	2.011	ug/l		100
15) Methylene Chloride	3.06	84	16086	1.746	ug/l		98
16) trans-1,2-Dichloroethene	3.37	96	13804	2.162	ug/l		98
17) 1,1-Dichloroethane	3.89	63	27760	1.993	ug/l		98
18) 2-Butanone	4.75	43	31137	10.895	ug/l		98
19) Cyclohexane	5.39	56	22688m	1.961	ug/l		
20) Methylcyclohexane	6.77	83	19149	1.786	ug/l		96
21) 2,2-Dichloropropane	4.68	77	25808	1.951	ug/l		98
22) cis-1,2-Dichloroethene	4.69	96	14404	1.937	ug/l		95
23) Diethyl Ether	2.39	59	10763	1.932	ug/l		99
24) tert-Butyl Alcohol	3.26	59	12449m	16.602	ug/l		
25) Methyl tert-Butyl Ether	3.38	73	39344	2.006	ug/l		99
26) Bromochloromethane	5.00	128	6639	2.055	ug/l		98
27) Chloroform	5.11	83	29083	2.056	ug/l		98
28) 1,1,1-Trichloroethane	5.33	97	24629	2.002	ug/l		98
29) 1,1-Dichloropropene	5.54	75	21260	2.032	ug/l		98
30) Carbon Tetrachloride	5.54	117	21900	1.963	ug/l		98
31) Isopropyl Ether	4.02	45	46618	1.944	ug/l		100
32) Ethyl-t-butyl ether	4.53	59	43800	2.015	ug/l		97
33) Tert-Amyl methyl ether	5.97	73	35723	1.867	ug/l		100
34) Propionitrile	4.82	54	7983	11.033	ug/l	#	82
35) Benzene	5.79	78	58651	2.024	ug/l		99
36) 1,2-Dichloroethane	5.81	62	24254	2.151	ug/l		99
37) Trichloroethene	6.55	130	14465	1.963	ug/l		97
38) 1,2-Dichloropropane	6.81	63	16503	1.967	ug/l		96
39) Methacrylonitrile	5.01	41	7504	1.938	ug/l		99
40) Methyl acrylate	4.87	55	9245	1.862	ug/l	#	95
41) Tetrahydrofuran	5.10	42	7931	4.264	ug/l		89
42) 1-Chlorobutane	5.47	56	31728	2.052	ug/l		100

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ClientSampleId : VU0909WBS01

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Quant Time: Sep 10 04:31:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 04:09:54 2020
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.93	93	8912	1.838 ug/l		95
44) Bromodichloromethane	7.12	83	23359	2.007 ug/l		92
45) 4-Methyl-2-Pentanone	7.81	43	62057	9.395 ug/l		99
46) t-1,4-Dichloro-2-butene	10.84	75	5297m	2.096 ug/l		
47) Methyl methacrylate	6.98	69	15965	3.841 ug/l		96
48) Ethyl methacrylate	8.34	69	13925	1.844 ug/l		99
49) Toluene	7.97	92	32389	1.849 ug/l		97
50) t-1,3-Dichloropropene	8.22	75	19543	1.861 ug/l	#	87
51) cis-1,3-Dichloropropene	7.62	75	21729	1.859 ug/l		95
52) 1,1,2-Trichloroethane	8.41	97	12328	1.985 ug/l		96
53) 1,3-Dichloropropane	8.58	76	22059	1.978 ug/l		97
54) 2-Hexanone	8.70	43	44168	9.223 ug/l		95
55) Dibromochloromethane	8.82	129	13940	1.923 ug/l		96
56) 1,2-Dibromoethane	8.93	107	11067	1.908 ug/l		100
58) Tetrachloroethene	8.56	164	14092	1.971 ug/l		95
59) Chlorobenzene	9.45	112	36756	1.892 ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.54	131	14219	1.999 ug/l		98
61) Pentachloroethane	11.42	117	9658	1.991 ug/l		97
62) Hexachloroethane	12.47	117	11503	1.866 ug/l		96
63) Ethyl Benzene	9.57	91	62209	1.877 ug/l		98
64) m/p-Xylenes	9.69	106	46259	3.736 ug/l		97
65) o-Xylene	10.10	106	22811	1.908 ug/l		99
66) Styrene	10.11	104	38768	1.846 ug/l		97
67) Bromoform	10.29	173	7104	1.903 ug/l		99
69) Isopropylbenzene	10.48	105	60682	1.844 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.78	83	17033	2.051 ug/l		98
71) 1,2,3-Trichloropropane	10.83	75	15822m	2.454 ug/l		
72) Bromobenzene	10.78	156	14443	1.882 ug/l		94
73) n-propylbenzene	10.91	120	16550	1.830 ug/l		98
74) 2-Chlorotoluene	10.98	126	14976	1.895 ug/l		94
75) 1,3,5-Trimethylbenzene	11.09	105	54416	1.888 ug/l		99
76) 4-Chlorotoluene	11.10	126	17080	2.004 ug/l		94
77) tert-Butylbenzene	11.42	119	49928	1.863 ug/l		100
78) 1,2,4-Trimethylbenzene	11.46	105	56075	1.856 ug/l		99
79) sec-Butylbenzene	11.64	105	72658	1.872 ug/l		99
80) Nitrobenzene	13.20	77	2637	7.917 ug/l	#	95
81) p-Isopropyltoluene	11.79	119	58738	1.900 ug/l		100
82) 1,3-Dichlorobenzene	11.74	146	32326	1.912 ug/l		97
83) 1,4-Dichlorobenzene	11.83	146	35858	2.135 ug/l		100
84) n-Butylbenzene	12.20	91	59385	1.869 ug/l		96
85) 1,2-Dichlorobenzene	12.21	146	33375	2.053 ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2944	1.905 ug/l		95
87) 1,2,4-Trichlorobenzene	13.83	180	21009	2.239 ug/l		96
88) Hexachlorobutadiene	14.01	225	9562	1.970 ug/l		98
89) Naphthalene	14.08	128	29919	1.787 ug/l		98
90) 1,2,3-Trichlorobenzene	14.32	180	15425	1.765 ug/l		98

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

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