Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040068.D
Acq On : 09 Sep 2020 18:13
Operator : SY/MD
Sample : VU0909WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

Manual Integrations APPROVED
MMDadoda
9/17/2020 4:47:41 PM

Quant Time: Sep 10 04:33:28 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	27720	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	10376	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery = 92.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	9781	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	15380	1.954	ug/l	99
3) Chloromethane	1.53	50	16359	1.965	ug/l	98
4) Vinyl Chloride	1.61	62	16107	1.967	ug/l	98
5) Bromomethane	1.87	94	10970	1.736	ug/l	100
6) Chloroethane	1.94	64	9836	1.822	ug/l	94
7) Trichlorofluoromethane	2.15	101	24411	1.986	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	14144	1.995	ug/l	99
9) 1,1-Dichloroethene	2.59	96	11315	1.887	ug/l	96
10) Iodomethane	2.74	142	9345	1.991	ug/l	96
11) Allyl Chloride	2.93	41	22431	1.894	ug/l	97
12) Acrylonitrile	3.34	53	7837	3.760	ug/l	94
13) Acetone	2.65	43	19426	10.169	ug/l	97
14) Carbon Disulfide	2.81	76	32473	1.950	ug/l	98
15) Methylene Chloride	3.06	84	16041	1.693	ug/l	95
16) trans-1,2-Dichloroethene	3.37	96	13590	2.088	ug/l	99
17) 1,1-Dichloroethane	3.89	63	27541	1.939	ug/l	98
18) 2-Butanone	4.75	43	31326	10.751	ug/l	100
19) Cyclohexane	5.40	56	23201m	1.967	ug/l	
20) Methylcyclohexane	6.77	83	18906	1.729	ug/l	96
21) 2,2-Dichloropropane	4.68	77	25922	1.922	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	14985	1.977	ug/l	98
23) Diethyl Ether	2.39	59	11315	1.992	ug/l	100
24) tert-Butyl Alcohol	3.24	59	15100	19.752	ug/l #	80
25) Methyl tert-Butyl Ether	3.38	73	37214	1.861	ug/l	93
26) Bromochloromethane	4.99	128	6594	2.002	ug/l	98
27) Chloroform	5.11	83	28606	1.984	ug/l	97
28) 1,1,1-Trichloroethane	5.33	97	24279	1.936	ug/l	98
29) 1,1-Dichloropropene	5.54	75	20878	1.957	ug/l	99
30) Carbon Tetrachloride	5.54	117	22303	1.961	ug/l	92
31) Isopropyl Ether	4.02	45	47737	1.952	ug/l	99
32) Ethyl-t-butyl ether	4.53	59	43797	1.976	ug/l	100
33) Tert-Amyl methyl ether	5.97	73	35144	1.801	ug/l	100
34) Propionitrile	4.81	54	7877	10.678	ug/l #	89
35) Benzene	5.79	78	57381	1.942	ug/l	98
36) 1,2-Dichloroethane	5.82	62	22939	1.996	ug/l	99
37) Trichloroethene	6.55	130	14418	1.919	ug/l	87
38) 1,2-Dichloropropane	6.80	63	16336	1.910	ug/l	99
39) Methacrylonitrile	5.00	41	6788	1.720	ug/l #	93
40) Methyl acrylate	4.87	55	10136	2.003	ug/l	97
41) Tetrahydrofuran	5.09	42	7909	4.171	ug/l	92
42) 1-Chlorobutane	5.47	56	31007	1.967	ug/l	98

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Quant Time: Sep 10 04:33:28 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	8735	1.767 ug/l		92
44) Bromodichloromethane	7.12	83	22845	1.925 ug/l		94
45) 4-Methyl-2-Pentanone	7.81	43	63022	9.358 ug/l		94
46) t-1,4-Dichloro-2-butene	10.83	75	8631m	3.350 ug/l		
47) Methyl methacrylate	6.98	69	15546	3.669 ug/l		97
48) Ethyl methacrylate	8.34	69	13286	1.725 ug/l		93
49) Toluene	7.97	92	32314	1.810 ug/l		95
50) t-1,3-Dichloropropene	8.22	75	19767	1.847 ug/l		99
51) cis-1,3-Dichloropropene	7.62	75	21699	1.821 ug/l		97
52) 1,1,2-Trichloroethane	8.41	97	12775	2.017 ug/l		97
53) 1,3-Dichloropropane	8.58	76	21586	1.898 ug/l		98
54) 2-Hexanone	8.70	43	43596	8.929 ug/l		97
55) Dibromochloromethane	8.81	129	14084	1.906 ug/l		98
56) 1,2-Dibromoethane	8.93	107	11218	1.897 ug/l		99
58) Tetrachloroethene	8.56	164	13947	1.913 ug/l		98
59) Chlorobenzene	9.45	112	37869	1.912 ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.54	131	14122	1.947 ug/l		99
61) Pentachloroethane	11.42	117	10010	2.024 ug/l		91
62) Hexachloroethane	12.47	117	11406	1.815 ug/l		100
63) Ethyl Benzene	9.57	91	60339	1.786 ug/l		100
64) m/p-Xylenes	9.69	106	46579	3.689 ug/l		100
65) o-Xylene	10.10	106	22812	1.872 ug/l		96
66) Styrene	10.11	104	38142	1.782 ug/l		97
67) Bromoform	10.29	173	7552	1.984 ug/l		99
69) Isopropylbenzene	10.48	105	59037	1.760 ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.78	83	15733	1.858 ug/l		94
71) 1,2,3-Trichloropropane	10.83	75	14893m	2.265 ug/l		
72) Bromobenzene	10.78	156	14710	1.880 ug/l		100
73) n-propylbenzene	10.91	120	16351	1.773 ug/l		91
74) 2-Chlorotoluene	10.98	126	14853	1.843 ug/l		96
75) 1,3,5-Trimethylbenzene	11.09	105	52098	1.773 ug/l		99
76) 4-Chlorotoluene	11.10	126	16854	1.940 ug/l		92
77) tert-Butylbenzene	11.42	119	48452	1.773 ug/l		99
78) 1,2,4-Trimethylbenzene	11.46	105	55473	1.800 ug/l		100
79) sec-Butylbenzene	11.64	105	71571	1.808 ug/l		99
80) Nitrobenzene	13.20	77	2944	8.669 ug/l	#	88
81) p-Isopropyltoluene	11.79	119	57349	1.820 ug/l		99
82) 1,3-Dichlorobenzene	11.74	146	32085	1.862 ug/l		99
83) 1,4-Dichlorobenzene	11.83	146	33259	1.942 ug/l		98
84) n-Butylbenzene	12.20	91	57977	1.790 ug/l		99
85) 1,2-Dichlorobenzene	12.21	146	31389	1.894 ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2792	1.772 ug/l		93
87) 1,2,4-Trichlorobenzene	13.83	180	18935	1.980 ug/l		99
88) Hexachlorobutadiene	14.01	225	9767	1.974 ug/l		95
89) Naphthalene	14.08	128	30768	1.798 ug/l		98
90) 1,2,3-Trichlorobenzene	14.32	180	16305	1.830 ug/l		97

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

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