Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091119\
Data File : VU034476.D
Acq On : 11 Sep 2019 14:50
Operator : JC/SP
Sample : VU0911WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0911WBSD01

Manual Integrations APPROVED
MMDadoda
9/12/2019 4:53:49 PM

Quant Time: Sep 12 04:08:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:53:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.72	96	62047	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.29	95	23387	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
68) 1,2-Dichlorobenzene-d4	11.84	152	26108	1.01	ug/l		0.00
Spiked Amount 1.000			Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	43944	1.935	ug/l		98
3) Chloromethane	1.33	50	50713	2.029	ug/l		99
4) Vinyl Chloride	1.40	62	48028	1.956	ug/l		99
5) Bromomethane	1.62	94	27199	1.901	ug/l		99
6) Chloroethane	1.69	64	27222	1.913	ug/l		99
7) Trichlorofluoromethane	1.88	101	58517	1.937	ug/l		99
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	32265	1.969	ug/l		98
9) 1,1-Dichloroethene	2.28	96	32893	1.992	ug/l		97
10) Iodomethane	2.40	142	18613	1.398	ug/l		100
11) Allyl Chloride	2.58	41	53374	1.967	ug/l		99
12) Acrylonitrile	2.92	53	13447	3.909	ug/l		96
13) Acetone	2.31	43	25702	8.970	ug/l		99
14) Carbon Disulfide	2.47	76	110089	1.899	ug/l		99
15) Methylene Chloride	2.69	84	37973	1.979	ug/l		94
16) trans-1,2-Dichloroethene	2.96	96	36841	1.994	ug/l		95
17) 1,1-Dichloroethane	3.42	63	69484	1.972	ug/l		100
18) 2-Butanone	4.26	43	37924	9.164	ug/l		98
19) Cyclohexane	4.97	56	52415m	1.898	ug/l		
20) Methylcyclohexane	6.39	83	52871	1.836	ug/l		95
21) 2,2-Dichloropropane	4.20	77	54911	1.891	ug/l		98
22) cis-1,2-Dichloroethene	4.20	96	39152	1.955	ug/l		98
23) Diethyl Ether	2.10	59	24592	1.989	ug/l		98
24) tert-Butyl Alcohol	2.82	59	32203	20.124	ug/l		95
25) Methyl tert-Butyl Ether	2.99	73	80962	2.046	ug/l		99
26) Bromochloromethane	4.53	128	16631	1.964	ug/l		98
27) Chloroform	4.65	83	70629	1.928	ug/l		99
28) 1,1,1-Trichloroethane	4.89	97	56984	1.984	ug/l		99
29) 1,1-Dichloropropene	5.11	75	47745	1.923	ug/l		97
30) Carbon Tetrachloride	5.11	117	49948	1.940	ug/l		99
31) Isopropyl Ether	3.56	45	100683	1.985	ug/l		98
32) Ethyl-t-butyl ether	4.05	59	82461	1.900	ug/l		98
33) Tert-Amyl methyl ether	5.56	73	68893	1.895	ug/l		98
34) Propionitrile	4.32	54	12170	10.358	ug/l	#	89
35) Benzene	5.37	78	143145	1.923	ug/l		99
36) 1,2-Dichloroethane	5.39	62	37220	1.947	ug/l		99
37) Trichloroethene	6.17	130	38821	1.864	ug/l		99
38) 1,2-Dichloropropane	6.41	63	38261	1.940	ug/l		97
39) Methacrylonitrile	4.53	41	9678	1.991	ug/l	#	94
40) Methyl acrylate	4.42	55	13804	1.863	ug/l		97
41) Tetrahydrofuran	4.63	42	9272	3.722	ug/l	#	84
42) 1-Chlorobutane	5.04	56	62792	1.861	ug/l		92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.54	93	18020	1.941 ug/l	98
44) Bromodichloromethane	6.74	83	46221	1.938 ug/l	100
45) 4-Methyl-2-Pentanone	7.45	43	94012	9.988 ug/l	98
46) t-1,4-Dichloro-2-butene	10.50	75	13947m	3.718 ug/l	
47) Methyl methacrylate	6.61	69	27807	3.755 ug/l	98
48) Ethyl methacrylate	8.00	69	24890	1.871 ug/l	99
49) Toluene	7.62	92	82793	1.906 ug/l	99
50) t-1,3-Dichloropropene	7.86	75	37722	1.921 ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	47979	1.941 ug/l	99
52) 1,1,2-Trichloroethane	8.05	97	26558	2.060 ug/l	93
53) 1,3-Dichloropropane	8.22	76	42996	1.994 ug/l	100
54) 2-Hexanone	8.35	43	59388	9.413 ug/l	96
55) Dibromochloromethane	8.46	129	30662	1.957 ug/l	100
56) 1,2-Dibromoethane	8.57	107	23272	1.967 ug/l	99
58) Tetrachloroethene	8.21	164	39544	1.998 ug/l	97
59) Chlorobenzene	9.10	112	93708	1.936 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.19	131	35748	1.995 ug/l	98
61) Pentachloroethane	11.08	117	28374	1.956 ug/l	97
62) Hexachloroethane	12.12	117	24566	1.907 ug/l	96
63) Ethyl Benzene	9.23	91	141683	1.826 ug/l	100
64) m/p-Xylenes	9.35	106	116831	3.717 ug/l	97
65) o-Xylene	9.76	106	55873	1.866 ug/l	98
66) Styrene	9.77	104	93801	1.871 ug/l	99
67) Bromoform	9.94	173	18823	2.044 ug/l	99
69) Isopropylbenzene	10.14	105	148287	1.900 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.44	83	33967	2.053 ug/l	98
71) 1,2,3-Trichloropropane	10.48	75	24838m	2.110 ug/l	
72) Bromobenzene	10.43	156	41020	1.938 ug/l	98
73) n-propylbenzene	10.57	120	46068	2.037 ug/l	97
74) 2-Chlorotoluene	10.64	126	40622	1.997 ug/l	99
75) 1,3,5-Trimethylbenzene	10.75	105	133396	1.903 ug/l	98
76) 4-Chlorotoluene	10.75	126	40895	1.985 ug/l	97
77) tert-Butylbenzene	11.08	119	129346	1.904 ug/l	98
78) 1,2,4-Trimethylbenzene	11.13	105	131245	1.854 ug/l	97
79) sec-Butylbenzene	11.30	105	176460	1.930 ug/l	98
80) Nitrobenzene	12.87	77	1783m	5.049 ug/l	
81) p-Isopropyltoluene	11.45	119	142956	1.874 ug/l	98
82) 1,3-Dichlorobenzene	11.39	146	86984	1.980 ug/l	99
83) 1,4-Dichlorobenzene	11.48	146	84713	1.941 ug/l	97
84) n-Butylbenzene	11.87	91	129242	1.841 ug/l	98
85) 1,2-Dichlorobenzene	11.86	146	78521	1.973 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.64	75	4619	2.091 ug/l	96
87) 1,2,4-Trichlorobenzene	13.48	180	40118	1.746 ug/l	99
88) Hexachlorobutadiene	13.67	225	33877	1.935 ug/l	98
89) Naphthalene	13.73	128	48793	1.891 ug/l	98
90) 1,2,3-Trichlorobenzene	13.97	180	38459	1.818 ug/l	95

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

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