Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091120\
Data File : VU040098.D
Acq On : 11 Sep 2020 11:22
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Quant Time: Sep 11 12:57:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091120DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Sep 11 12:55:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	26271	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	10857	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	9810	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	11518	1.544	ug/l	97
3) Chloromethane	1.53	50	9593	1.216	ug/l	93
4) Vinyl Chloride	1.61	62	11050	1.424	ug/l	95
5) Bromomethane	1.86	94	2590	0.448	ug/l	97
6) Chloroethane	1.94	64	6201	1.212	ug/l	99
7) Trichlorofluoromethane	2.15	101	15200	1.305	ug/l	91
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	6723	1.000	ug/l	97
9) 1,1-Dichloroethene	2.59	96	4922	0.866	ug/l	85
13) Acetone	2.65	43	18667	10.310	ug/l	94
14) Carbon Disulfide	2.81	76	8905	0.564	ug/l	98
15) Methylene Chloride	3.06	84	10351	1.190	ug/l	93
16) trans-1,2-Dichloroethene	3.38	96	5464	0.886	ug/l	95
17) 1,1-Dichloroethane	3.89	63	13741	1.021	ug/l	98
18) 2-Butanone	4.73	43	26719	9.676	ug/l	97
19) Cyclohexane	5.41	56	7431	0.665	ug/l	98
20) Methylcyclohexane	6.78	83	7228	0.698	ug/l	91
22) cis-1,2-Dichloroethene	4.69	96	6359	0.885	ug/l	99
24) tert-Butyl Alcohol	3.20	59	1229	1.696	ug/l #	70
25) Methyl tert-Butyl Ether	3.38	73	17612	0.929	ug/l	99
26) Bromochloromethane	4.99	128	3336	1.069	ug/l	92
27) Chloroform	5.11	83	14217	1.040	ug/l	100
28) 1,1,1-Trichloroethane	5.34	97	12271	1.033	ug/l	98
30) Carbon Tetrachloride	5.54	117	9392	0.871	ug/l	87
35) Benzene	5.79	78	25981	0.928	ug/l	100
36) 1,2-Dichloroethane	5.81	62	10449	0.959	ug/l #	87
37) Trichloroethene	6.56	130	6411	0.901	ug/l	99
38) 1,2-Dichloropropane	6.81	63	7751	0.956	ug/l #	87
42) 1-Chlorobutane	5.41	56	7431	0.497	ug/l	82
44) Bromodichloromethane	7.11	83	10796	0.960	ug/l	99
45) 4-Methyl-2-Pentanone	7.80	43	60156	9.425	ug/l	95
46) t-1,4-Dichloro-2-butene	10.82	75	6415	2.627	ug/l #	16
47) Methyl methacrylate	6.77	69	1471	0.366	ug/l #	1
49) Toluene	7.98	92	15607	0.922	ug/l	98
50) t-1,3-Dichloropropene	8.21	75	9243	0.911	ug/l	90
51) cis-1,3-Dichloropropene	7.61	75	9507	0.842	ug/l	93
52) 1,1,2-Trichloroethane	8.40	97	6733	1.122	ug/l	92
54) 2-Hexanone	8.69	43	40919	8.843	ug/l	98
55) Dibromochloromethane	8.82	129	6813	0.973	ug/l	97
56) 1,2-Dibromoethane	8.93	107	5769	1.029	ug/l	89
58) Tetrachloroethene	8.56	164	4654	0.674	ug/l	89
59) Chlorobenzene	9.45	112	19173	1.022	ug/l	99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Sep 11 12:55:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) Ethyl Benzene	9.57	91	28793	0.899	ug/l		94
64) m/p-Xylenes	9.70	106	10866	0.908	ug/l		95
65) o-Xylene	10.10	106	10194	0.883	ug/l		98
66) Styrene	10.11	104	17949	0.885	ug/l		97
67) Bromoform	10.29	173	3556	0.986	ug/l		92
69) Isopropylbenzene	10.48	105	28008	0.881	ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.78	83	8092	1.008	ug/l	#	97
71) 1,2,3-Trichloropropane	10.82	75	6415	1.030	ug/l		84
73) n-propylbenzene	11.09	120	10747	1.230	ug/l	#	1
75) 1,3,5-Trimethylbenzene	11.08	105	22779	0.818	ug/l		98
78) 1,2,4-Trimethylbenzene	11.47	105	22415	0.768	ug/l		99
79) sec-Butylbenzene	11.47	105	22415	0.598	ug/l	#	58
80) Nitrobenzene	12.99	77	369	1.147	ug/l	#	45
82) 1,3-Dichlorobenzene	11.74	146	15880	0.972	ug/l		97
83) 1,4-Dichlorobenzene	11.83	146	14680	0.904	ug/l		95
85) 1,2-Dichlorobenzene	12.21	146	14696	0.936	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	1275	0.854	ug/l		92
87) 1,2,4-Trichlorobenzene	13.83	180	7638	0.843	ug/l		96
89) Naphthalene	14.08	128	11054	0.626	ug/l		97
90) 1,2,3-Trichlorobenzene	14.32	180	6900	0.817	ug/l		96

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

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