Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092220\
Data File : VU040249.D
Acq On : 22 Sep 2020 16:04
Operator : SY/MD
Sample : VU0922WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0922WBS01

Quant Time: Sep 23 08:20:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091120DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Sep 11 13:27:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	49330	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	19335	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery = 94.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	19241	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	42710	1.957	ug/l	100
3) Chloromethane	1.53	50	41729	2.390	ug/l	100
4) Vinyl Chloride	1.61	62	40142	2.036	ug/l	100
5) Bromomethane	1.86	94	20680	3.347	ug/l	93
6) Chloroethane	1.94	64	25787	2.284	ug/l	97
7) Trichlorofluoromethane	2.15	101	55809	2.006	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23155	1.863	ug/l	98
9) 1,1-Dichloroethene	2.59	96	17929	1.884	ug/l	97
13) Acetone	2.64	43	69713	9.668	ug/l	100
14) Carbon Disulfide	2.80	76	29596	1.778	ug/l	99
15) Methylene Chloride	3.06	84	45118	2.822	ug/l	95
16) trans-1,2-Dichloroethene	3.37	96	20780	2.032	ug/l	93
17) 1,1-Dichloroethane	3.89	63	51187	2.038	ug/l	100
18) 2-Butanone	4.73	43	103254	9.481	ug/l	98
19) Cyclohexane	5.40	56	33231	2.131	ug/l	96
20) Methylcyclohexane	6.77	83	33981	2.151	ug/l	98
22) cis-1,2-Dichloroethene	4.68	96	26885	2.085	ug/l	89
25) Methyl tert-Butyl Ether	3.38	73	71332	2.070	ug/l	99
26) Bromochloromethane	4.99	128	11771	1.879	ug/l	96
27) Chloroform	5.11	83	54917	1.999	ug/l	96
28) 1,1,1-Trichloroethane	5.33	97	46263	2.004	ug/l	100
30) Carbon Tetrachloride	5.53	117	38413	2.026	ug/l	96
35) Benzene	5.78	78	98153	1.992	ug/l	97
36) 1,2-Dichloroethane	5.81	62	38767	1.957	ug/l	99
37) Trichloroethene	6.55	130	26893	2.124	ug/l	95
38) 1,2-Dichloropropane	6.80	63	31999	2.098	ug/l	98
44) Bromodichloromethane	7.11	83	43305	2.078	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	231352	9.307	ug/l	99
49) Toluene	7.97	92	64058	2.050	ug/l	98
50) t-1,3-Dichloropropene	8.22	75	37647	1.928	ug/l	100
51) cis-1,3-Dichloropropene	7.62	75	39076	1.945	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	23073	1.904	ug/l	97
54) 2-Hexanone	8.70	43	159882	9.099	ug/l	97
55) Dibromochloromethane	8.82	129	27271	1.946	ug/l	100
56) 1,2-Dibromoethane	8.93	107	21857	1.963	ug/l	98
58) Tetrachloroethene	8.56	164	20507	2.179	ug/l	92
59) Chlorobenzene	9.45	112	72771	1.980	ug/l	99
63) Ethyl Benzene	9.57	91	112428	1.842	ug/l	100
64) m/p-Xylenes	9.69	106	44631	3.851	ug/l	95
65) o-Xylene	10.10	106	42345	1.904	ug/l	99
66) Styrene	10.11	104	79584	2.005	ug/l	97

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QLast Update : Fri Sep 11 13:27:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
67) Bromoform	10.29	173	15025	2.048 ug/l	95
69) Isopropylbenzene	10.48	105	118624	1.925 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	29198	1.851 ug/l	92
71) 1,2,3-Trichloropropane	10.82	75	22519	1.867 ug/l	83
75) 1,3,5-Trimethylbenzene	11.09	105	98014	1.825 ug/l	99
77) tert-Butylbenzene	11.47	119	12534	1.946 ug/l #	55
78) 1,2,4-Trimethylbenzene	11.47	105	95594	1.790 ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	63169	2.034 ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	64125	2.112 ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	61043	2.109 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	5075	1.890 ug/l	90
87) 1,2,4-Trichlorobenzene	13.83	180	36506	2.195 ug/l	98
89) Naphthalene	14.08	128	52443	1.708 ug/l	98
90) 1,2,3-Trichlorobenzene	14.32	180	33136	2.097 ug/l	96

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

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