Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027349.D
Acq On : 02 Oct 2018 17:59
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

Manual Integrations APPROVED
apatel
10/5/2018 11:56:36 AM

Quant Time: Oct 03 09:33:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 09:31:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	21476	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	9157	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery = 113.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	7475	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery = 108.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	46061	6.396	ug/l	100
3) Chloromethane	1.33	50	74253	8.876	ug/l	100
4) Vinyl Chloride	1.40	62	76993	9.047	ug/l	98
5) Bromomethane	1.63	94	36596	10.281	ug/l	98
6) Chloroethane	1.70	64	51014	9.465	ug/l	97
7) Trichlorofluoromethane	1.89	101	89882	9.115	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	55026	9.487	ug/l	99
9) 1,1-Dichloroethene	2.29	96	50228	10.397	ug/l	98
10) Iodomethane	2.41	142	62826	11.540	ug/l	99
11) Allyl Chloride	2.59	41	127385	9.979	ug/l	97
12) Acrylonitrile	2.94	53	79587	47.720	ug/l	99
13) Acetone	2.32	43	95577	68.046	ug/l	97
14) Carbon Disulfide	2.48	76	162964	10.859	ug/l	100
15) Methylene Chloride	2.70	84	62250	9.958	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	56279	10.015	ug/l	100
17) 1,1-Dichloroethane	3.45	63	136522	10.065	ug/l	100
18) 2-Butanone	4.29	43	132070	51.716	ug/l	99
19) Cyclohexane	4.98	56	105676	10.313	ug/l	98
20) Methylcyclohexane	6.41	83	99624	10.828	ug/l	97
21) 2,2-Dichloropropane	4.22	77	111871	9.630	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	65891	9.732	ug/l	99
23) Diethyl Ether	2.11	59	49939	9.687	ug/l	100
24) tert-Butyl Alcohol	2.84	59	26739	45.870	ug/l	99
25) Methyl tert-Butyl Ether	3.01	73	158748	9.847	ug/l	100
26) Bromochloromethane	4.55	128	22305	8.962	ug/l	96
27) Chloroform	4.67	83	121534	9.814	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	101050	10.061	ug/l	99
29) 1,1-Dichloropropene	5.13	75	90588	10.015	ug/l	99
30) Carbon Tetrachloride	5.13	117	84056	10.119	ug/l	99
31) Isopropyl Ether	3.58	45	255995	9.921	ug/l #	1
34) Propionitrile	4.34	54	63744	96.767	ug/l	99
35) Benzene	5.39	78	263386	9.958	ug/l	99
36) 1,2-Dichloroethane	5.41	62	83381	9.616	ug/l	100
37) Trichloroethene	6.18	130	58693	9.996	ug/l	98
38) 1,2-Dichloropropane	6.44	63	78054	9.761	ug/l	99
39) Methacrylonitrile	4.56	41	30673	8.897	ug/l	97
40) Methyl acrylate	4.43	55	40812	9.298	ug/l	99
41) Tetrahydrofuran	4.66	42	76648	45.598	ug/l	98
42) 1-Chlorobutane	5.06	56	148392	10.197	ug/l	88
43) Dibromomethane	6.56	93	33201	9.979	ug/l	98
44) Bromodichloromethane	6.76	83	89372	9.900	ug/l	98

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 09:31:21 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.48	43	262439	51.231	ug/l		100
46) t-1,4-Dichloro-2-butene	10.51	75	20218m	13.613	ug/l		
47) Methyl methacrylate	6.64	69	33450	9.987	ug/l		99
48) Ethyl methacrylate	8.03	69	62202	10.661	ug/l		100
49) Toluene	7.64	92	153619	10.623	ug/l		98
50) t-1,3-Dichloropropene	7.88	75	87513	10.915	ug/l		100
51) cis-1,3-Dichloropropene	7.27	75	99687	10.377	ug/l		98
52) 1,1,2-Trichloroethane	8.07	97	46819	9.999	ug/l		97
53) 1,3-Dichloropropane	8.25	76	89083	10.028	ug/l		99
54) 2-Hexanone	8.38	43	202120	57.104	ug/l		99
55) Dibromochloromethane	8.48	129	52187	10.094	ug/l		99
56) 1,2-Dibromoethane	8.59	107	42919	10.369	ug/l		99
58) Tetrachloroethene	8.22	164	52696	10.123	ug/l		99
59) Chlorobenzene	9.12	112	157814	10.463	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	58870	10.153	ug/l		99
61) Pentachloroethane	11.10	117	49785	10.388	ug/l		99
62) Hexachloroethane	12.15	117	49360	10.800	ug/l		99
63) Ethyl Benzene	9.25	91	292478	11.297	ug/l		100
64) m/p-Xylenes	9.38	106	225864	23.269	ug/l		99
65) o-Xylene	9.78	106	103732	11.258	ug/l		99
66) Styrene	9.79	104	181512	11.224	ug/l		99
67) Bromoform	9.96	173	28194	10.196	ug/l		100
69) Isopropylbenzene	10.17	105	293689	12.087	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.46	83	60949	9.636	ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	46142m	9.455	ug/l		
72) Bromobenzene	10.45	156	63429	10.820	ug/l		100
73) n-propylbenzene	10.59	120	78654	12.022	ug/l		98
74) 2-Chlorotoluene	10.66	126	67306	11.256	ug/l		100
75) 1,3,5-Trimethylbenzene	10.77	105	255413	11.817	ug/l		99
76) 4-Chlorotoluene	10.77	126	70817	11.542	ug/l		98
77) tert-Butylbenzene	11.10	119	230182	11.279	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	261201	9.878	ug/l		100
79) sec-Butylbenzene	11.32	105	315190	11.258	ug/l		100
80) Nitrobenzene	12.86	77	3596	13.831	ug/l	#	94
81) p-Isopropyltoluene	11.48	119	271147	9.932	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	132001	10.692	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	132994	10.762	ug/l		99
84) n-Butylbenzene	11.89	91	277771	10.000	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	121496	10.637	ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	10083	10.526	ug/l		99
87) 1,2,4-Trichlorobenzene	13.50	180	88805	12.265	ug/l		99
88) Hexachlorobutadiene	13.69	225	51633	10.781	ug/l		99
89) Naphthalene	13.75	128	158228	12.390	ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	81500	11.382	ug/l		99

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

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