Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033198.D
Acq On : 11 Jul 2019 18:14
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
7/16/2019 4:03:19 PM

Quant Time: Jul 12 04:48:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 04:10:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	33196	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	12705	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	13329	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	65392	4.738	ug/l	99
3) Chloromethane	1.32	50	73782	4.692	ug/l	100
4) Vinyl Chloride	1.40	62	78334	4.693	ug/l	100
5) Bromomethane	1.62	94	46787	5.033	ug/l	99
6) Chloroethane	1.69	64	48221	4.603	ug/l	95
7) Trichlorofluoromethane	1.88	101	106696	4.718	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	54095	4.734	ug/l	99
9) 1,1-Dichloroethene	2.27	96	54413	4.697	ug/l	96
10) Iodomethane	2.40	142	62043	4.009	ug/l	99
11) Allyl Chloride	2.58	41	91456	4.582	ug/l	100
12) Acrylonitrile	2.92	53	29162	9.036	ug/l	98
13) Acetone	2.31	43	64637	22.634	ug/l	98
14) Carbon Disulfide	2.46	76	199365	4.650	ug/l	99
15) Methylene Chloride	2.68	84	68282	4.574	ug/l	99
16) trans-1,2-Dichloroethene	2.96	96	62258	4.671	ug/l	99
17) 1,1-Dichloroethane	3.42	63	91300	4.657	ug/l	98
18) 2-Butanone	4.25	43	66805	26.104	ug/l	99
19) Cyclohexane	4.97	56	71330m	4.824	ug/l	
20) Methylcyclohexane	6.39	83	74993	5.112	ug/l	97
21) 2,2-Dichloropropane	4.20	77	75639	4.424	ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	52543	4.834	ug/l	99
23) Diethyl Ether	2.09	59	46729	4.778	ug/l	99
24) tert-Butyl Alcohol	2.82	59	55970	44.949	ug/l	100
25) Methyl tert-Butyl Ether	2.98	73	157271	4.765	ug/l	99
26) Bromochloromethane	4.52	128	22458	4.638	ug/l	97
27) Chloroform	4.65	83	95794	4.378	ug/l	98
28) 1,1,1-Trichloroethane	4.89	97	80160	4.676	ug/l	99
29) 1,1-Dichloropropene	5.11	75	68300	4.815	ug/l	98
30) Carbon Tetrachloride	5.11	117	69868	4.558	ug/l	99
31) Isopropyl Ether	3.55	45	122655	4.736	ug/l	97
32) Ethyl-t-butyl ether	4.05	59	116990	4.738	ug/l	97
33) Tert-Amyl methyl ether	5.56	73	111999	5.031	ug/l	99
34) Propionitrile	4.31	54	19413	26.203	ug/l	98
35) Benzene	5.36	78	199218	4.828	ug/l	99
36) 1,2-Dichloroethane	5.38	62	62983	4.727	ug/l	99
37) Trichloroethene	6.16	130	51416	4.829	ug/l	98
38) 1,2-Dichloropropane	6.41	63	53667	4.723	ug/l	95
39) Methacrylonitrile	4.53	41	15933	5.184	ug/l	98
40) Methyl acrylate	4.41	55	23197	5.003	ug/l #	96
41) Tetrahydrofuran	4.63	42	16643	10.616	ug/l	96
42) 1-Chlorobutane	5.04	56	92877	4.817	ug/l	99

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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC005

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MMDadoda
7/16/2019 4:03:19 PM

Quant Time: Jul 12 04:48:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 04:10:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.54	93	28952	4.857	ug/l		96
44) Bromodichloromethane	6.74	83	68871	4.641	ug/l		98
45) 4-Methyl-2-Pentanone	7.45	43	162928	25.764	ug/l		99
46) t-1,4-Dichloro-2-butene	10.50	75	29217m	10.233	ug/l		
47) Methyl methacrylate	6.61	69	49654	10.734	ug/l		99
48) Ethyl methacrylate	8.00	69	43901	5.126	ug/l		99
49) Toluene	7.62	92	119830	4.930	ug/l		99
50) t-1,3-Dichloropropene	7.86	75	63567	4.965	ug/l		99
51) cis-1,3-Dichloropropene	7.25	75	73515	4.884	ug/l		97
52) 1,1,2-Trichloroethane	8.05	97	39473	4.803	ug/l		98
53) 1,3-Dichloropropane	8.22	76	67179	4.866	ug/l		100
54) 2-Hexanone	8.35	43	114092	26.491	ug/l		99
55) Dibromochloromethane	8.46	129	46855	4.881	ug/l		96
56) 1,2-Dibromoethane	8.57	107	36482	4.855	ug/l		98
58) Tetrachloroethene	8.21	164	47246	4.843	ug/l		98
59) Chlorobenzene	9.10	112	131266	4.851	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.19	131	48410	4.673	ug/l		99
61) Pentachloroethane	11.09	117	38374	4.560	ug/l		98
62) Hexachloroethane	12.13	117	36819	4.556	ug/l		98
63) Ethyl Benzene	9.23	91	222998	5.003	ug/l		100
64) m/p-Xylenes	9.36	106	180546	10.394	ug/l		100
65) o-Xylene	9.76	106	85915	5.151	ug/l		97
66) Styrene	9.77	104	147995	5.269	ug/l		100
67) Bromoform	9.94	173	25655	4.882	ug/l		100
69) Isopropylbenzene	10.15	105	221955	5.096	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.44	83	53132	4.887	ug/l		99
71) 1,2,3-Trichloropropane	10.48	75	39184m	5.007	ug/l		
72) Bromobenzene	10.43	156	55839	5.023	ug/l		99
73) n-propylbenzene	10.57	120	63324	5.228	ug/l		96
74) 2-Chlorotoluene	10.64	126	55945	5.052	ug/l		95
75) 1,3,5-Trimethylbenzene	10.76	105	200703	5.202	ug/l		99
76) 4-Chlorotoluene	10.76	126	57958	4.994	ug/l		92
77) tert-Butylbenzene	11.08	119	183596	4.991	ug/l		98
78) 1,2,4-Trimethylbenzene	11.13	105	207041	5.297	ug/l		100
79) sec-Butylbenzene	11.31	105	257841	5.128	ug/l		98
80) Nitrobenzene	12.85	77	8545	31.766	ug/l	#	98
81) p-Isopropyltoluene	11.46	119	213196	5.268	ug/l		100
82) 1,3-Dichlorobenzene	11.40	146	115839	4.960	ug/l		100
83) 1,4-Dichlorobenzene	11.49	146	118590	5.151	ug/l		99
84) n-Butylbenzene	11.87	91	208574	5.275	ug/l		99
85) 1,2-Dichlorobenzene	11.86	146	109225	5.050	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.64	75	8689	5.176	ug/l		96
87) 1,2,4-Trichlorobenzene	13.49	180	67637	5.680	ug/l		98
88) Hexachlorobutadiene	13.68	225	38390	4.970	ug/l		99
89) Naphthalene	13.73	128	125405	6.271	ug/l		99
90) 1,2,3-Trichlorobenzene	13.97	180	65739	5.677	ug/l		100

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

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