Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042619\
Data File : VU031508.D
Acq On : 25 Apr 2019 19:23
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
MMdadoda
4/26/2019 12:22:25 PM

Quant Time: Apr 26 03:48:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 02:56:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	70482	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	22878	0.90	ug/l		0.00
Spiked Amount 1.000			Recovery = 90.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	23670	0.94	ug/l		0.00
Spiked Amount 1.000			Recovery = 94.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	65206	2.135	ug/l		99
3) Chloromethane	1.32	50	73665	2.243	ug/l		98
4) Vinyl Chloride	1.40	62	72403	2.256	ug/l		97
5) Bromomethane	1.63	94	34065	1.890	ug/l		97
6) Chloroethane	1.70	64	40338	1.891	ug/l		95
7) Trichlorofluoromethane	1.88	101	81339	1.809	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	43016	1.928	ug/l		94
9) 1,1-Dichloroethene	2.28	96	40798	1.830	ug/l		100
10) Iodomethane	2.41	142	41934	1.428	ug/l		99
11) Allyl Chloride	2.59	41	87671	1.980	ug/l		100
12) Acrylonitrile	2.94	53	22370	3.459	ug/l		94
13) Acetone	2.33	43	53940	9.136	ug/l		95
14) Carbon Disulfide	2.47	76	154260	1.867	ug/l		99
15) Methylene Chloride	2.70	84	49509	1.727	ug/l		95
16) trans-1,2-Dichloroethene	2.97	96	44432	1.803	ug/l		93
17) 1,1-Dichloroethane	3.44	63	92549	2.250	ug/l		99
18) 2-Butanone	4.28	43	67513	10.576	ug/l		97
19) Cyclohexane	4.98	56	67088m	2.256	ug/l		
20) Methylcyclohexane	6.41	83	52354	1.826	ug/l		90
21) 2,2-Dichloropropane	4.22	77	67083	2.136	ug/l		98
22) cis-1,2-Dichloroethene	4.22	96	46689	2.095	ug/l		99
23) Diethyl Ether	2.10	59	37292	1.791	ug/l		98
24) tert-Butyl Alcohol	2.85	59	38546	17.535	ug/l		98
25) Methyl tert-Butyl Ether	3.00	73	113602	1.750	ug/l		99
26) Bromochloromethane	4.54	128	19799	1.972	ug/l		96
27) Chloroform	4.67	83	84573	2.104	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	71172	2.092	ug/l		99
29) 1,1-Dichloropropene	5.13	75	56423	1.969	ug/l		97
30) Carbon Tetrachloride	5.13	117	59326	1.989	ug/l		91
31) Isopropyl Ether	3.57	45	134907	2.214	ug/l		97
32) Ethyl-t-butyl ether	4.07	59	104609	2.043	ug/l		98
33) Tert-Amyl methyl ether	5.58	73	82491	1.895	ug/l		97
34) Propionitrile	4.35	54	19148	10.898	ug/l		94
35) Benzene	5.39	78	181335	2.147	ug/l		100
36) 1,2-Dichloroethane	5.40	62	56361	2.094	ug/l		99
37) Trichloroethene	6.18	130	42190	1.809	ug/l		99
38) 1,2-Dichloropropane	6.43	63	50917	2.250	ug/l		99
39) Methacrylonitrile	4.55	41	14160	1.794	ug/l	#	92
40) Methyl acrylate	4.43	55	18896	1.855	ug/l	#	93
41) Tetrahydrofuran	4.65	42	16460	4.089	ug/l		97
42) 1-Chlorobutane	5.06	56	84709	2.067	ug/l		98

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Quant Time: Apr 26 03:48:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	24238	2.023 ug/l	96
44) Bromodichloromethane	6.75	83	61641	2.123 ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	139103	9.817 ug/l	96
46) t-1,4-Dichloro-2-butene	10.50	75	19853m	3.771 ug/l	
47) Methyl methacrylate	6.63	69	36708	3.668 ug/l	96
48) Ethyl methacrylate	8.02	69	29664	1.682 ug/l	93
49) Toluene	7.63	92	87261	1.896 ug/l	96
50) t-1,3-Dichloropropene	7.88	75	44899	1.832 ug/l	94
51) cis-1,3-Dichloropropene	7.27	75	57008	1.953 ug/l	96
52) 1,1,2-Trichloroethane	8.07	97	33423	2.080 ug/l	93
53) 1,3-Dichloropropane	8.24	76	54923	1.999 ug/l	98
54) 2-Hexanone	8.37	43	94048	9.812 ug/l	93
55) Dibromochloromethane	8.47	129	34496	1.817 ug/l	97
56) 1,2-Dibromoethane	8.59	107	28608	1.918 ug/l	98
58) Tetrachloroethene	8.22	164	45484	2.284 ug/l	95
59) Chlorobenzene	9.12	112	95496	1.886 ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.21	131	38276	2.010 ug/l	98
61) Pentachloroethane	11.10	117	27849	1.914 ug/l	89
62) Hexachloroethane	12.14	117	25887	1.821 ug/l	98
63) Ethyl Benzene	9.25	91	148770	1.829 ug/l	98
64) m/p-Xylenes	9.37	106	109959	3.566 ug/l	98
65) o-Xylene	9.78	106	54651	1.847 ug/l	96
66) Styrene	9.79	104	85307	1.700 ug/l	94
67) Bromoform	9.96	173	20762	1.916 ug/l	97
69) Isopropylbenzene	10.16	105	143290	1.811 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	40312	1.932 ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	30221m	2.012 ug/l	
72) Bromobenzene	10.45	156	37307	1.797 ug/l	96
73) n-propylbenzene	10.58	120	37474	1.778 ug/l	97
74) 2-Chlorotoluene	10.66	126	35648	1.836 ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	120675	1.793 ug/l	98
76) 4-Chlorotoluene	10.77	126	36445	1.857 ug/l	95
77) tert-Butylbenzene	11.10	119	118041	1.816 ug/l	100
78) 1,2,4-Trimethylbenzene	11.15	105	124022	1.832 ug/l	100
79) sec-Butylbenzene	11.32	105	158602	1.799 ug/l	99
80) Nitrobenzene	12.89	77	2982m	4.514 ug/l	
81) p-Isopropyltoluene	11.47	119	121446	1.722 ug/l	98
82) 1,3-Dichlorobenzene	11.41	146	75052	1.828 ug/l	97
83) 1,4-Dichlorobenzene	11.51	146	75322	1.900 ug/l	96
84) n-Butylbenzene	11.89	91	116348	1.704 ug/l	96
85) 1,2-Dichlorobenzene	11.88	146	73501	1.917 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	5793	1.959 ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	35368	1.540 ug/l	97
88) Hexachlorobutadiene	13.69	225	27265	1.753 ug/l	98
89) Naphthalene	13.75	128	53610	1.396 ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	36508	1.583 ug/l	98

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

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