Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030567.D
Acq On : 30 Mar 2019 10:21
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:37:57 PM

Quant Time: Mar 31 00:54:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 00:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	53767	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	19699	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	18472	0.84	ug/l		0.00
Spiked Amount 1.000			Recovery = 84.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	20700	1.013	ug/l		97
3) Chloromethane	1.33	50	27378	1.168	ug/l		97
4) Vinyl Chloride	1.40	62	22827	1.122	ug/l		99
5) Bromomethane	1.63	94	12076	1.088	ug/l		93
6) Chloroethane	1.70	64	13805	1.184	ug/l		97
7) Trichlorofluoromethane	1.88	101	26975	1.052	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	12837	0.934	ug/l		100
9) 1,1-Dichloroethene	2.28	96	12965	0.951	ug/l		91
10) Iodomethane	2.41	142	9348	0.798	ug/l		96
11) Allyl Chloride	2.59	41	28868	1.366	ug/l		100
12) Acrylonitrile	2.94	53	7228	2.330	ug/l		96
13) Acetone	2.32	43	17275	6.298	ug/l		98
14) Carbon Disulfide	2.47	76	48281	1.007	ug/l		97
15) Methylene Chloride	2.69	84	17681	1.081	ug/l		91
16) trans-1,2-Dichloroethene	2.98	96	14284	0.912	ug/l		96
17) 1,1-Dichloroethane	3.44	63	30610	1.114	ug/l	#	97
18) 2-Butanone	4.28	43	21897	5.755	ug/l		99
19) Cyclohexane	4.99	56	23950m	1.013	ug/l		
20) Methylcyclohexane	6.41	83	18435	0.738	ug/l		94
21) 2,2-Dichloropropane	4.22	77	23055	1.011	ug/l		99
22) cis-1,2-Dichloroethene	4.22	96	15848	0.912	ug/l		95
23) Diethyl Ether	2.10	59	12219	1.146	ug/l		96
24) tert-Butyl Alcohol	2.85	59	11459	10.068	ug/l		97
25) Methyl tert-Butyl Ether	3.00	73	37829	1.067	ug/l		99
26) Bromochloromethane	4.54	128	5488	0.735	ug/l		85
27) Chloroform	4.67	83	27750	0.973	ug/l		93
28) 1,1,1-Trichloroethane	4.91	97	22631	0.972	ug/l		100
29) 1,1-Dichloropropene	5.13	75	18169	0.859	ug/l		96
30) Carbon Tetrachloride	5.13	117	18846	0.914	ug/l		99
31) Isopropyl Ether	3.58	45	49357	1.228	ug/l		98
32) Ethyl-t-butyl ether	4.08	59	37603	1.011	ug/l		100
33) Tert-Amyl methyl ether	5.58	73	27770	0.831	ug/l		98
34) Propionitrile	4.35	54	4831	4.580	ug/l	#	78
35) Benzene	5.39	78	60462	0.974	ug/l		99
36) 1,2-Dichloroethane	5.41	62	18387	1.077	ug/l		99
37) Trichloroethene	6.18	130	13865	0.801	ug/l		96
38) 1,2-Dichloropropane	6.43	63	16004	0.997	ug/l		98
39) Methacrylonitrile	4.56	41	5525	1.178	ug/l	#	82
40) Methyl acrylate	4.44	55	6770	0.948	ug/l	#	84
41) Tetrahydrofuran	4.66	42	5178	2.031	ug/l		99
42) 1-Chlorobutane	5.06	56	28120	0.983	ug/l		93

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Quant Time: Mar 31 00:54:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.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	7606	0.935 ug/l	96
44) Bromodichloromethane	6.75	83	19565	0.996 ug/l #	91
45) 4-Methyl-2-Pentanone	7.47	43	45897	5.353 ug/l	92
46) t-1,4-Dichloro-2-butene	10.52	75	5718m	1.819 ug/l	
47) Methyl methacrylate	6.63	69	11342	1.646 ug/l	94
48) Ethyl methacrylate	8.03	69	10853	0.839 ug/l	100
49) Toluene	7.64	92	30147	0.817 ug/l	93
50) t-1,3-Dichloropropene	7.88	75	14692	0.839 ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	19857	0.910 ug/l	94
52) 1,1,2-Trichloroethane	8.07	97	10794	0.949 ug/l	94
53) 1,3-Dichloropropane	8.24	76	17920	0.926 ug/l	99
54) 2-Hexanone	8.37	43	34399	5.626 ug/l	89
55) Dibromochloromethane	8.48	129	11336	0.837 ug/l	98
56) 1,2-Dibromoethane	8.59	107	9228	0.851 ug/l	100
58) Tetrachloroethene	8.22	164	12916	0.823 ug/l	94
59) Chlorobenzene	9.12	112	34879	0.835 ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.21	131	12927	0.882 ug/l	97
61) Pentachloroethane	11.10	117	9866	0.864 ug/l	99
62) Hexachloroethane	12.14	117	8067	0.722 ug/l	93
63) Ethyl Benzene	9.25	91	55027	0.790 ug/l	98
64) m/p-Xylenes	9.37	106	38855	1.444 ug/l	91
65) o-Xylene	9.78	106	18083	0.686 ug/l	93
66) Styrene	9.79	104	30482	0.700 ug/l	97
67) Bromoform	9.96	173	6296	0.820 ug/l	99
69) Isopropylbenzene	10.16	105	50993	0.735 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	13113	0.920 ug/l	96
71) 1,2,3-Trichloropropane	10.49	75	10421m	1.008 ug/l	
72) Bromobenzene	10.45	156	13153	0.738 ug/l	98
73) n-propylbenzene	10.58	120	13155	0.676 ug/l	97
74) 2-Chlorotoluene	10.66	126	12643	0.739 ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	40470	0.687 ug/l	99
76) 4-Chlorotoluene	10.77	126	12960	0.745 ug/l	91
77) tert-Butylbenzene	11.10	119	41132	0.717 ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	40117	0.672 ug/l	100
79) sec-Butylbenzene	11.32	105	53779	0.699 ug/l	100
81) p-Isopropyltoluene	11.47	119	39695	0.624 ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	26530	0.739 ug/l	97
83) 1,4-Dichlorobenzene	11.51	146	27194	0.753 ug/l	97
84) n-Butylbenzene	11.89	91	38014	0.635 ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	26423	0.789 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1776	0.865 ug/l	91
87) 1,2,4-Trichlorobenzene	13.50	180	13138	0.560 ug/l	93
88) Hexachlorobutadiene	13.69	225	9175	0.707 ug/l	97
89) Naphthalene	13.75	128	19630	0.533 ug/l	97
90) 1,2,3-Trichlorobenzene	13.99	180	13059	0.611 ug/l	90

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

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