Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012220\
Data File : VU036524.D
Acq On : 22 Jan 2020 14:24
Operator : JC/MD
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

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Quant Time: Jan 22 22:16:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 22 22:08:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.15	96	37092	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.66	95	14664	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
68) 1,2-Dichlorobenzene-d4	12.22	152	14075	1.09	ug/l		0.00
Spiked Amount 1.000			Recovery = 109.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	5967	0.562	ug/l		98
3) Chloromethane	1.54	50	6779	0.494	ug/l		98
4) Vinyl Chloride	1.62	62	7475	0.474	ug/l		97
5) Bromomethane	1.88	94	5313	0.635	ug/l		100
6) Chloroethane	1.95	64	5765	0.626	ug/l		97
7) Trichlorofluoromethane	2.16	101	7509	0.410	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	4415	0.461	ug/l		95
9) 1,1-Dichloroethene	2.61	96	4939	0.505	ug/l		95
10) Iodomethane	2.75	142	3663	0.313	ug/l		95
11) Allyl Chloride	2.96	41	7111	0.371	ug/l		94
12) Acrylonitrile	3.37	53	2511	0.916	ug/l	#	90
13) Acetone	2.68	43	7590	2.308	ug/l		96
14) Carbon Disulfide	2.82	76	17039	0.467	ug/l		100
15) Methylene Chloride	3.08	84	8568	0.665	ug/l		98
16) trans-1,2-Dichloroethene	3.39	96	5366	0.491	ug/l		96
17) 1,1-Dichloroethane	3.91	63	9037	0.462	ug/l		99
18) 2-Butanone	4.79	43	6493	1.833	ug/l		99
19) Cyclohexane	5.42	56	8043m	0.424	ug/l		
20) Methylcyclohexane	6.79	83	8440	0.448	ug/l		98
21) 2,2-Dichloropropane	4.71	77	7622	0.431	ug/l		97
22) cis-1,2-Dichloroethene	4.71	96	5603	0.506	ug/l		98
23) Diethyl Ether	2.40	59	3875	0.455	ug/l		97
24) tert-Butyl Alcohol	3.30	59	2963	3.360	ug/l	#	80
25) Methyl tert-Butyl Ether	3.42	73	13003	0.435	ug/l	#	81
26) Bromochloromethane	5.02	128	2441	0.550	ug/l		97
27) Chloroform	5.13	83	8700	0.447	ug/l		96
28) 1,1,1-Trichloroethane	5.36	97	7387	0.429	ug/l		98
29) 1,1-Dichloropropene	5.56	75	7288	0.463	ug/l		99
30) Carbon Tetrachloride	5.56	117	6171	0.426	ug/l		93
31) Isopropyl Ether	4.06	45	13395	0.407	ug/l		97
32) Ethyl-t-butyl ether	4.56	59	14151	0.440	ug/l		98
33) Tert-Amyl methyl ether	5.99	73	13031	0.446	ug/l		98
34) Propionitrile	4.86	54	1255	1.420	ug/l	#	85
35) Benzene	5.81	78	21150	0.481	ug/l		98
36) 1,2-Dichloroethane	5.84	62	5604	0.398	ug/l		97
37) Trichloroethene	6.58	130	5698	0.533	ug/l		93
38) 1,2-Dichloropropane	6.83	63	5127	0.444	ug/l		96
39) Methacrylonitrile	5.04	41	1551	0.370	ug/l	#	88
40) Methyl acrylate	4.92	55	1905	0.307	ug/l	#	93
41) Tetrahydrofuran	5.13	42	1977	0.911	ug/l	#	67
42) 1-Chlorobutane	5.50	56	9332	0.409	ug/l		97

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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VSTDICC0.5

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Quant Time: Jan 22 22:16:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 22 22:08:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.95	93	2754	0.464	ug/l		94
44) Bromodichloromethane	7.14	83	6420	0.420	ug/l		94
45) 4-Methyl-2-Pentanone	7.84	43	15775	1.922	ug/l		99
46) t-1,4-Dichloro-2-butene	10.87	75	2430m	0.729	ug/l		
47) Methyl methacrylate	7.01	69	5340	0.943	ug/l		94
48) Ethyl methacrylate	8.37	69	4873	0.436	ug/l		94
49) Toluene	8.00	92	13562	0.497	ug/l		98
50) t-1,3-Dichloropropene	8.24	75	6182	0.412	ug/l		96
51) cis-1,3-Dichloropropene	7.64	75	7482	0.432	ug/l		98
52) 1,1,2-Trichloroethane	8.43	97	3791	0.482	ug/l		97
53) 1,3-Dichloropropane	8.61	76	6414	0.437	ug/l		98
54) 2-Hexanone	8.73	43	10375	1.836	ug/l		98
55) Dibromochloromethane	8.84	129	4170	0.452	ug/l		100
56) 1,2-Dibromoethane	8.95	107	3576	0.462	ug/l		99
58) Tetrachloroethene	8.58	164	5109	0.579	ug/l		97
59) Chlorobenzene	9.47	112	14960	0.519	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.56	131	4451	0.456	ug/l		97
61) Pentachloroethane	11.45	117	3242	0.404	ug/l		98
62) Hexachloroethane	12.50	117	3670	0.435	ug/l		96
63) Ethyl Benzene	9.60	91	24514	0.468	ug/l		98
64) m/p-Xylenes	9.72	106	19179	0.990	ug/l		97
65) o-Xylene	10.13	106	9231	0.488	ug/l		96
66) Styrene	10.14	104	15742	0.504	ug/l		98
67) Bromoform	10.32	173	2293	0.502	ug/l	#	95
69) Isopropylbenzene	10.51	105	24167	0.475	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.81	83	4804	0.453	ug/l		95
71) 1,2,3-Trichloropropane	10.85	75	3680m	0.455	ug/l		
72) Bromobenzene	10.81	156	5692	0.529	ug/l		91
73) n-propylbenzene	10.93	120	6352	0.466	ug/l		90
74) 2-Chlorotoluene	11.01	126	5918	0.506	ug/l		92
75) 1,3,5-Trimethylbenzene	11.11	105	21220	0.492	ug/l		96
76) 4-Chlorotoluene	11.12	126	5946	0.494	ug/l		90
77) tert-Butylbenzene	11.44	119	20541	0.497	ug/l		98
78) 1,2,4-Trimethylbenzene	11.49	105	22030	0.493	ug/l		97
79) sec-Butylbenzene	11.66	105	27275	0.476	ug/l		98
80) Nitrobenzene	13.24	77	168	0.903	ug/l	#	40
81) p-Isopropyltoluene	11.81	119	22046	0.482	ug/l		98
82) 1,3-Dichlorobenzene	11.77	146	11657	0.517	ug/l		98
83) 1,4-Dichlorobenzene	11.86	146	11825	0.530	ug/l		97
84) n-Butylbenzene	12.23	91	19613	0.407	ug/l		99
85) 1,2-Dichlorobenzene	12.24	146	11688	0.548	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	853	0.443	ug/l	#	76
87) 1,2,4-Trichlorobenzene	13.86	180	5954	0.440	ug/l		95
88) Hexachlorobutadiene	14.04	225	3718	0.585	ug/l		94
89) Naphthalene	14.11	128	9927	0.369	ug/l		97
90) 1,2,3-Trichlorobenzene	14.35	180	6190	0.498	ug/l		98

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

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