Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020719\
Data File : VU029369.D
Acq On : 07 Feb 2019 13:59
Operator : JC/SP
Sample : VU0207WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0207WBSD01

Manual Integrations APPROVED
sam
2/8/2019 2:28:10 PM

Quant Time: Feb 08 13:07:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	58320	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	21999	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	23651	1.01	ug/l		0.00
Spiked Amount 1.000			Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	40962	1.882	ug/l		99
3) Chloromethane	1.33	50	36456	1.833	ug/l		99
4) Vinyl Chloride	1.40	62	44390	1.904	ug/l		97
5) Bromomethane	1.63	94	29745	2.293	ug/l		95
6) Chloroethane	1.70	64	26945	1.978	ug/l		99
7) Trichlorofluoromethane	1.88	101	69922	2.148	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	37418	2.176	ug/l		86
9) 1,1-Dichloroethene	2.28	96	35231	2.094	ug/l		76
10) Iodomethane	2.41	142	44876	2.029	ug/l	#	77
11) Allyl Chloride	2.59	41	54926	1.947	ug/l		92
12) Acrylonitrile	2.94	53	14409	3.821	ug/l		96
13) Acetone	2.32	43	33749	9.287	ug/l	#	82
14) Carbon Disulfide	2.48	76	119572	2.013	ug/l		99
15) Methylene Chloride	2.70	84	42318	2.074	ug/l	#	78
16) trans-1,2-Dichloroethene	2.98	96	40189	2.136	ug/l	#	76
17) 1,1-Dichloroethane	3.44	63	69722	2.339	ug/l	#	95
18) 2-Butanone	4.28	43	34837	8.577	ug/l		96
19) Cyclohexane	4.99	56	49963m	1.807	ug/l		
20) Methylcyclohexane	6.41	83	60017	2.067	ug/l	#	84
21) 2,2-Dichloropropane	4.22	77	56046	2.031	ug/l		94
22) cis-1,2-Dichloroethene	4.22	96	38355	2.164	ug/l		74
23) Diethyl Ether	2.10	59	26750	1.980	ug/l		89
24) tert-Butyl Alcohol	2.83	59	27645	19.690	ug/l		97
25) Methyl tert-Butyl Ether	3.00	73	95107	2.008	ug/l	#	83
26) Bromochloromethane	4.55	128	16519	2.110	ug/l		69
27) Chloroform	4.67	83	59754	2.061	ug/l		96
28) 1,1,1-Trichloroethane	4.91	97	54373	2.023	ug/l		96
29) 1,1-Dichloropropene	5.13	75	46801	2.006	ug/l		92
30) Carbon Tetrachloride	5.13	117	50441	2.073	ug/l		95
31) Isopropyl Ether	3.58	45	84153	1.871	ug/l		89
32) Ethyl-t-butyl ether	4.07	59	86405	1.917	ug/l		90
33) Tert-Amyl methyl ether	5.58	73	81034	1.988	ug/l		98
34) Propionitrile	4.33	54	10177	9.532	ug/l	#	90
35) Benzene	5.39	78	131028	2.031	ug/l		98
36) 1,2-Dichloroethane	5.41	62	37595	1.927	ug/l	#	86
37) Trichloroethene	6.18	130	39753	2.147	ug/l		84
38) 1,2-Dichloropropane	6.43	63	32540	1.939	ug/l		95
39) Methacrylonitrile	4.55	41	10441	1.910	ug/l	#	86
40) Methyl acrylate	4.43	55	14454	1.751	ug/l	#	89
41) Tetrahydrofuran	4.65	42	9575	3.477	ug/l	#	73
42) 1-Chlorobutane	5.06	56	58658	1.877	ug/l		86

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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0207WBSD01

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Quant Time: Feb 08 13:07:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.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	17824	1.993	ug/l		91
44) Bromodichloromethane	6.76	83	44623	1.958	ug/l		97
45) 4-Methyl-2-Pentanone	7.46	43	95453	9.105	ug/l	#	89
46) t-1,4-Dichloro-2-butene	10.52	75	22008m	4.309	ug/l		
47) Methyl methacrylate	6.63	69	30174	3.835	ug/l	#	75
48) Ethyl methacrylate	8.02	69	32828	1.945	ug/l		76
49) Toluene	7.63	92	83554	2.024	ug/l		97
50) t-1,3-Dichloropropene	7.88	75	42568	1.906	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	52417	1.975	ug/l	#	88
52) 1,1,2-Trichloroethane	8.07	97	23735	2.005	ug/l		99
53) 1,3-Dichloropropane	8.24	76	41011	1.972	ug/l		97
54) 2-Hexanone	8.36	43	66468	9.045	ug/l		85
55) Dibromochloromethane	8.48	129	33853	2.012	ug/l		98
56) 1,2-Dibromoethane	8.59	107	24508	2.018	ug/l		99
58) Tetrachloroethene	8.22	164	38224	2.219	ug/l		93
59) Chlorobenzene	9.12	112	96690	2.079	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	36123	2.102	ug/l		98
61) Pentachloroethane	11.10	117	26914	2.021	ug/l		87
62) Hexachloroethane	12.14	117	28497	1.960	ug/l		95
63) Ethyl Benzene	9.25	91	164126	2.032	ug/l		95
64) m/p-Xylenes	9.37	106	128361	4.090	ug/l		87
65) o-Xylene	9.78	106	63466	2.060	ug/l		88
66) Styrene	9.79	104	104121	2.027	ug/l		92
67) Bromoform	9.95	173	20946	2.001	ug/l		99
69) Isopropylbenzene	10.16	105	166757	2.026	ug/l		93
70) 1,1,2,2-Tetrachloroethane	10.46	83	30337	1.999	ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	20116m	1.930	ug/l		
72) Bromobenzene	10.45	156	41921	2.101	ug/l		84
73) n-propylbenzene	10.59	120	48831	2.130	ug/l		76
74) 2-Chlorotoluene	10.66	126	41754	2.139	ug/l		78
75) 1,3,5-Trimethylbenzene	10.77	105	142947	2.014	ug/l		96
76) 4-Chlorotoluene	10.77	126	41499	2.048	ug/l		78
77) tert-Butylbenzene	11.10	119	145271	2.071	ug/l		91
78) 1,2,4-Trimethylbenzene	11.15	105	144956	2.018	ug/l		93
79) sec-Butylbenzene	11.32	105	187322	2.041	ug/l		94
80) Nitrobenzene	12.87	77	4081	6.036	ug/l		82
81) p-Isopropyltoluene	11.47	119	158198	2.033	ug/l		93
82) 1,3-Dichlorobenzene	11.41	146	83147	2.124	ug/l		97
83) 1,4-Dichlorobenzene	11.51	146	82020	2.104	ug/l		96
84) n-Butylbenzene	11.89	91	140231	1.964	ug/l		95
85) 1,2-Dichlorobenzene	11.88	146	77853	2.104	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	5142	1.816	ug/l	#	62
87) 1,2,4-Trichlorobenzene	13.50	180	56615	2.178	ug/l		98
88) Hexachlorobutadiene	13.69	225	35010	2.326	ug/l		98
89) Naphthalene	13.74	128	90883	2.061	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	51781	2.180	ug/l		96

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

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