Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102220\
Data File : VU040911.D
Acq On : 22 Oct 2020 18:34
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 06:49:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 06:42:58 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICC0.5

Manual Integrations APPROVED
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10/26/2020 4:14:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.12	96	53358	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.63	95	18829	0.88	ug/l		0.00
Spiked Amount 1.000			Recovery = 88.00%				
68) 1,2-Dichlorobenzene-d4	12.19	152	19075	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	13207	0.801	ug/l		100
3) Chloromethane	1.53	50	13916	0.796	ug/l		96
4) Vinyl Chloride	1.61	62	13274	0.775	ug/l		93
5) Bromomethane	1.86	94	8644	0.713	ug/l		92
6) Chloroethane	1.94	64	9062	0.817	ug/l		90
7) Trichlorofluoromethane	2.15	101	15726	0.638	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	8847	0.626	ug/l		95
9) 1,1-Dichloroethene	2.59	96	7603	0.630	ug/l		94
10) Iodomethane	2.73	142	4167	0.419	ug/l		91
11) Allyl Chloride	2.93	41	16094	0.670	ug/l		95
12) Acrylonitrile	3.33	53	5337	1.267	ug/l	#	77
13) Acetone	2.64	43	12741	3.399	ug/l		93
14) Carbon Disulfide	2.81	76	28823	0.804	ug/l		97
15) Methylene Chloride	3.06	84	11648	0.643	ug/l		89
16) trans-1,2-Dichloroethene	3.37	96	8673	0.661	ug/l		99
17) 1,1-Dichloroethane	3.89	63	18140	0.637	ug/l		96
18) 2-Butanone	4.74	43	17538	2.991	ug/l		97
19) Cyclohexane	5.40	56	17241m	0.708	ug/l		
20) Methylcyclohexane	6.76	83	11044	0.507	ug/l	#	86
21) 2,2-Dichloropropane	4.69	77	16507	0.625	ug/l		97
22) cis-1,2-Dichloroethene	4.68	96	10138	0.677	ug/l		92
23) Diethyl Ether	2.39	59	7456	0.646	ug/l		96
24) tert-Butyl Alcohol	3.22	59	10016	6.583	ug/l	#	89
25) Methyl tert-Butyl Ether	3.39	73	24718	0.624	ug/l		96
26) Bromochloromethane	4.99	128	3851	0.587	ug/l		95
27) Chloroform	5.11	83	17316	0.607	ug/l		94
28) 1,1,1-Trichloroethane	5.33	97	15312	0.621	ug/l		92
29) 1,1-Dichloropropene	5.54	75	13166	0.621	ug/l		97
30) Carbon Tetrachloride	5.53	117	13769	0.617	ug/l		96
31) Isopropyl Ether	4.02	45	28229	0.589	ug/l		97
32) Ethyl-t-butyl ether	4.53	59	23913	0.554	ug/l		98
33) Tert-Amyl methyl ether	5.96	73	16273	0.437	ug/l		99
34) Propionitrile	4.81	54	5019	3.359	ug/l	#	76
35) Benzene	5.78	78	34279	0.585	ug/l		95
36) 1,2-Dichloroethane	5.81	62	13140	0.584	ug/l		97
37) Trichloroethene	6.55	130	8473	0.577	ug/l		86
38) 1,2-Dichloropropane	6.81	63	10023	0.592	ug/l		89
39) Methacrylonitrile	5.00	41	4531	0.572	ug/l	#	88
40) Methyl acrylate	4.87	55	6154	0.601	ug/l	#	90
41) Tetrahydrofuran	5.09	42	5415	1.409	ug/l		95
42) 1-Chlorobutane	5.47	56	19430	0.619	ug/l		95

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ClientSampleId : VSTDICC0.5

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Quant Time: Oct 23 06:49:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 06:42:58 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.93	93	5669	0.583	ug/l		97
44) Bromodichloromethane	7.12	83	12941	0.556	ug/l		100
45) 4-Methyl-2-Pentanone	7.81	43	31683	2.375	ug/l		95
46) t-1,4-Dichloro-2-butene	10.84	75	4263m	0.845	ug/l		
47) Methyl methacrylate	6.98	69	7430	0.884	ug/l	#	90
48) Ethyl methacrylate	8.35	69	6204	0.413	ug/l		90
49) Toluene	7.97	92	16387	0.463	ug/l		93
50) t-1,3-Dichloropropene	8.21	75	10072	0.483	ug/l		90
51) cis-1,3-Dichloropropene	7.62	75	11139	0.481	ug/l		95
52) 1,1,2-Trichloroethane	8.41	97	6373	0.511	ug/l		97
53) 1,3-Dichloropropane	8.58	76	11654	0.521	ug/l		97
54) 2-Hexanone	8.70	43	22026	2.294	ug/l		88
55) Dibromochloromethane	8.82	129	8621	0.594	ug/l		84
56) 1,2-Dibromoethane	8.93	107	6351	0.545	ug/l		98
58) Tetrachloroethene	8.56	164	8326	0.589	ug/l		85
59) Chlorobenzene	9.45	112	18245	0.474	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.54	131	8055	0.569	ug/l		98
61) Pentachloroethane	11.42	117	6382	0.638	ug/l		96
62) Hexachloroethane	12.46	117	6215	0.507	ug/l		97
63) Ethyl Benzene	9.57	91	28675	0.436	ug/l		93
64) m/p-Xylenes	9.69	106	18411	0.744	ug/l		94
65) o-Xylene	10.10	106	9369	0.395	ug/l		92
66) Styrene	10.11	104	15024	0.360	ug/l		96
67) Bromoform	10.29	173	4566	0.605	ug/l	#	93
69) Isopropylbenzene	10.48	105	24032	0.371	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.78	83	8872	0.531	ug/l		99
71) 1,2,3-Trichloropropane	10.83	75	7205m	0.561	ug/l		
72) Bromobenzene	10.78	156	7155	0.466	ug/l		96
73) n-propylbenzene	10.90	120	6669	0.371	ug/l		90
74) 2-Chlorotoluene	10.99	126	6865	0.437	ug/l		88
75) 1,3,5-Trimethylbenzene	11.09	105	20443	0.360	ug/l		99
76) 4-Chlorotoluene	11.10	126	6147	0.364	ug/l		92
77) tert-Butylbenzene	11.42	119	20746	0.392	ug/l		96
78) 1,2,4-Trimethylbenzene	11.46	105	19486	0.326	ug/l		100
79) sec-Butylbenzene	11.64	105	27171	0.356	ug/l		99
80) Nitrobenzene	13.20	77	1971	2.846	ug/l	#	71
81) p-Isopropyltoluene	11.79	119	20851	0.341	ug/l		97
82) 1,3-Dichlorobenzene	11.74	146	17185	0.512	ug/l		95
83) 1,4-Dichlorobenzene	11.83	146	16103	0.484	ug/l		95
84) n-Butylbenzene	12.20	91	22966	0.368	ug/l		99
85) 1,2-Dichlorobenzene	12.21	146	14851	0.460	ug/l		93
86) 1,2-Dibromo-3-Chloropropan	12.99	75	1674	0.546	ug/l	#	90
87) 1,2,4-Trichlorobenzene	13.83	180	8986	0.482	ug/l		95
88) Hexachlorobutadiene	14.01	225	5625	0.578	ug/l		97
89) Naphthalene	14.08	128	14224	0.391	ug/l	#	95
90) 1,2,3-Trichlorobenzene	14.32	180	7542	0.427	ug/l		94

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

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