Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041519\
Data File : VU031197.D
Acq On : 15 Apr 2019 19:14
Operator : JC/SP
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
4/16/2019 3:23:06 PM

Quant Time: Apr 16 04:25:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	29985	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	10484	0.98	ug/l		0.00
Spiked Amount 1.000			Recovery = 98.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	10825	1.06	ug/l		0.00
Spiked Amount 1.000			Recovery = 106.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	6964	0.573	ug/l		99
3) Chloromethane	1.32	50	7441	0.518	ug/l		98
4) Vinyl Chloride	1.40	62	7125	0.520	ug/l		95
5) Bromomethane	1.63	94	3930	0.580	ug/l		84
6) Chloroethane	1.70	64	5568	0.698	ug/l		98
7) Trichlorofluoromethane	1.89	101	10530	0.644	ug/l		95
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5028	0.611	ug/l		95
9) 1,1-Dichloroethene	2.28	96	5173	0.634	ug/l		91
10) Iodomethane	2.41	142	5888	0.554	ug/l		94
11) Allyl Chloride	2.59	41	10308	0.590	ug/l		91
12) Acrylonitrile	2.93	53	3098	1.168	ug/l		97
13) Acetone	2.32	43	8764	3.601	ug/l		91
14) Carbon Disulfide	2.48	76	19125	0.638	ug/l		98
15) Methylene Chloride	2.70	84	8267	0.743	ug/l		92
16) trans-1,2-Dichloroethene	2.98	96	6034	0.654	ug/l		96
17) 1,1-Dichloroethane	3.45	63	9420	0.521	ug/l		99
18) 2-Butanone	4.29	43	6612m	2.132	ug/l		
19) Cyclohexane	4.99	56	5867	0.403	ug/l		94
20) Methylcyclohexane	6.41	83	5876	0.465	ug/l		96
21) 2,2-Dichloropropane	4.22	77	6899	0.494	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	4767	0.512	ug/l		93
23) Diethyl Ether	2.10	59	4891	0.596	ug/l		94
24) tert-Butyl Alcohol	2.83	59	5054	5.269	ug/l		99
25) Methyl tert-Butyl Ether	3.00	73	15168	0.595	ug/l		92
26) Bromochloromethane	4.55	128	2211	0.548	ug/l		86
27) Chloroform	4.67	83	8987	0.525	ug/l		100
28) 1,1,1-Trichloroethane	4.91	97	7722	0.548	ug/l		96
29) 1,1-Dichloropropene	5.14	75	6013	0.487	ug/l		96
30) Carbon Tetrachloride	5.13	117	6735	0.547	ug/l		88
31) Isopropyl Ether	3.57	45	13217	0.450	ug/l		98
32) Ethyl-t-butyl ether	4.08	59	10610	0.445	ug/l	#	61
33) Tert-Amyl methyl ether	5.58	73	8604	0.429	ug/l	#	95
34) Propionitrile	4.34	54	1978m	2.566	ug/l		
35) Benzene	5.39	78	17694	0.483	ug/l		97
36) 1,2-Dichloroethane	5.41	62	5914	0.508	ug/l		99
37) Trichloroethene	6.19	130	6132	0.688	ug/l		98
38) 1,2-Dichloropropane	6.43	63	4812	0.461	ug/l		93
39) Methacrylonitrile	4.55	41	1532m	0.402	ug/l		
40) Methyl acrylate	4.45	55	1451	0.310	ug/l	#	70
41) Tetrahydrofuran	4.65	42	1516	0.739	ug/l	#	82
42) 1-Chlorobutane	5.06	56	9041	0.482	ug/l		99

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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId : VSTDICC0.5

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Quant Time: Apr 16 04:25:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	2472	0.504	ug/l		94
44) Bromodichloromethane	6.76	83	6308	0.493	ug/l		98
45) 4-Methyl-2-Pentanone	7.47	43	12759	1.831	ug/l		96
46) t-1,4-Dichloro-2-butene	10.53	75	2040m	0.850	ug/l		
47) Methyl methacrylate	6.63	69	3658	0.819	ug/l	#	84
48) Ethyl methacrylate	8.03	69	2738	0.327	ug/l		75
49) Toluene	7.64	92	8755	0.438	ug/l		98
50) t-1,3-Dichloropropene	7.89	75	4701	0.428	ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	5590	0.424	ug/l		95
52) 1,1,2-Trichloroethane	8.07	97	3660	0.524	ug/l		95
53) 1,3-Dichloropropane	8.24	76	5648	0.462	ug/l		92
54) 2-Hexanone	8.37	43	7708	1.667	ug/l		90
55) Dibromochloromethane	8.48	129	4239	0.534	ug/l		99
56) 1,2-Dibromoethane	8.59	107	2939	0.466	ug/l		93
58) Tetrachloroethene	8.22	164	4490	0.567	ug/l	#	86
59) Chlorobenzene	9.12	112	10083	0.461	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	3888	0.471	ug/l		96
61) Pentachloroethane	11.10	117	3519	0.557	ug/l		96
62) Hexachloroethane	12.14	117	3244	0.540	ug/l		93
63) Ethyl Benzene	9.25	91	14978	0.414	ug/l		100
64) m/p-Xylenes	9.38	106	10587	0.800	ug/l		94
65) o-Xylene	9.78	106	5326	0.414	ug/l		95
66) Styrene	9.79	104	7886	0.355	ug/l		96
67) Bromoform	9.95	173	2347	0.514	ug/l	#	97
69) Isopropylbenzene	10.16	105	13954	0.407	ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.46	83	4651	0.506	ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	3287m	0.470	ug/l		
72) Bromobenzene	10.45	156	4074	0.470	ug/l		94
73) n-propylbenzene	10.59	120	3468	0.379	ug/l		86
74) 2-Chlorotoluene	10.66	126	3246	0.389	ug/l		76
75) 1,3,5-Trimethylbenzene	10.77	105	10957	0.377	ug/l		97
76) 4-Chlorotoluene	10.77	126	3303	0.387	ug/l		89
77) tert-Butylbenzene	11.10	119	12177	0.430	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	10846	0.366	ug/l		99
79) sec-Butylbenzene	11.32	105	15261	0.396	ug/l		99
80) Nitrobenzene	12.89	77	93	0.340	ug/l	#	44
81) p-Isopropyltoluene	11.47	119	11690	0.387	ug/l		96
82) 1,3-Dichlorobenzene	11.42	146	8238	0.480	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	7129	0.420	ug/l		91
84) n-Butylbenzene	11.89	91	11392	0.376	ug/l		95
85) 1,2-Dichlorobenzene	11.88	146	7444	0.456	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	451	0.314	ug/l	#	78
87) 1,2,4-Trichlorobenzene	13.51	180	4080	0.418	ug/l		91
88) Hexachlorobutadiene	13.69	225	3478	0.594	ug/l		95
89) Naphthalene	13.75	128	5719	0.333	ug/l		97
90) 1,2,3-Trichlorobenzene	13.99	180	4461	0.460	ug/l		98

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

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