Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042619\
Data File : VU031506.D
Acq On : 25 Apr 2019 17:35
Operator : JC/SP
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMdadoda
4/26/2019 12:20:56 PM

Quant Time: Apr 26 04:36:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	87632	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	29151	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	25046	0.88	ug/l		0.00
Spiked Amount 1.000			Recovery = 88.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	19822	0.507	ug/l		94
3) Chloromethane	1.32	50	26755	0.574	ug/l		99
4) Vinyl Chloride	1.40	62	23980	0.543	ug/l		99
5) Bromomethane	1.63	94	12979	0.597	ug/l		88
6) Chloroethane	1.70	64	13418	0.537	ug/l		100
7) Trichlorofluoromethane	1.88	101	26468	0.526	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	12161	0.478	ug/l		98
9) 1,1-Dichloroethene	2.28	96	13188	0.522	ug/l		94
10) Iodomethane	2.41	142	12862	0.470	ug/l		98
11) Allyl Chloride	2.59	41	29657	0.545	ug/l		100
12) Acrylonitrile	2.94	53	8703	1.152	ug/l	#	92
13) Acetone	2.33	43	21236	3.037	ug/l		95
14) Carbon Disulfide	2.48	76	51471	0.536	ug/l		99
15) Methylene Chloride	2.70	84	19517	0.608	ug/l		96
16) trans-1,2-Dichloroethene	2.98	96	14697	0.518	ug/l		98
17) 1,1-Dichloroethane	3.44	63	31866	0.552	ug/l		100
18) 2-Butanone	4.30	43	21195	2.352	ug/l		89
19) Cyclohexane	4.98	56	20407m	0.458	ug/l		
20) Methylcyclohexane	6.41	83	14827	0.414	ug/l		95
21) 2,2-Dichloropropane	4.22	77	23618	0.562	ug/l		100
22) cis-1,2-Dichloroethene	4.22	96	15930	0.539	ug/l		96
23) Diethyl Ether	2.10	59	12498	0.520	ug/l		95
24) tert-Butyl Alcohol	2.87	59	13617	5.476	ug/l		100
25) Methyl tert-Butyl Ether	3.00	73	38329	0.529	ug/l		95
26) Bromochloromethane	4.55	128	6638m	0.527	ug/l		
27) Chloroform	4.67	83	29092	0.535	ug/l		91
28) 1,1,1-Trichloroethane	4.91	97	24015	0.534	ug/l		98
29) 1,1-Dichloropropene	5.13	75	16539	0.452	ug/l		97
30) Carbon Tetrachloride	5.13	117	19717	0.511	ug/l		97
31) Isopropyl Ether	3.57	45	44048	0.510	ug/l		93
32) Ethyl-t-butyl ether	4.07	59	33983	0.481	ug/l		98
33) Tert-Amyl methyl ether	5.58	73	25689	0.457	ug/l	#	96
34) Propionitrile	4.37	54	6049m	2.638	ug/l		
35) Benzene	5.39	78	54727	0.486	ug/l		99
36) 1,2-Dichloroethane	5.41	62	19630	0.546	ug/l		97
37) Trichloroethene	6.18	130	14498	0.520	ug/l		91
38) 1,2-Dichloropropane	6.43	63	16552	0.527	ug/l		90
39) Methacrylonitrile	4.57	41	4327	0.429	ug/l	#	51
40) Methyl acrylate	4.45	55	4868	0.639	ug/l	#	79
41) Tetrahydrofuran	4.67	42	5469	0.999	ug/l	#	83
42) 1-Chlorobutane	5.06	56	26306	0.471	ug/l		98

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Quant Time: Apr 26 04:36:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	8665	0.568	ug/l		90
44) Bromodichloromethane	6.76	83	19919	0.513	ug/l		94
45) 4-Methyl-2-Pentanone	7.47	43	42653	2.312	ug/l		93
46) t-1,4-Dichloro-2-butene	10.52	75	4999m	0.858	ug/l		
47) Methyl methacrylate	6.63	69	9201	0.755	ug/l	#	87
48) Ethyl methacrylate	8.03	69	8126	0.698	ug/l		100
49) Toluene	7.63	92	25718	0.444	ug/l		100
50) t-1,3-Dichloropropene	7.89	75	14612	0.487	ug/l		95
51) cis-1,3-Dichloropropene	7.27	75	16899	0.449	ug/l	#	91
52) 1,1,2-Trichloroethane	8.07	97	9842	0.483	ug/l		94
53) 1,3-Dichloropropane	8.25	76	17767	0.506	ug/l		97
54) 2-Hexanone	8.37	43	27264	2.207	ug/l		94
55) Dibromochloromethane	8.48	129	11896	0.523	ug/l		96
56) 1,2-Dibromoethane	8.59	107	9096	0.507	ug/l		93
58) Tetrachloroethene	8.22	164	12178	0.456	ug/l		93
59) Chlorobenzene	9.12	112	29060	0.480	ug/l		91
60) 1,1,1,2-Tetrachloroethane	9.21	131	12334	0.507	ug/l		97
61) Pentachloroethane	11.10	117	8752	0.524	ug/l		95
62) Hexachloroethane	12.14	117	8262	0.494	ug/l		99
63) Ethyl Benzene	9.25	91	39540	0.393	ug/l		95
64) m/p-Xylenes	9.37	106	28888	0.770	ug/l		89
65) o-Xylene	9.78	106	14105	0.382	ug/l		95
66) Styrene	9.79	104	21708	0.609	ug/l		93
67) Bromoform	9.96	173	6740	0.530	ug/l	#	92
69) Isopropylbenzene	10.16	105	37589	0.394	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	13516	0.517	ug/l		96
71) 1,2,3-Trichloropropane	10.49	75	9742m	0.523	ug/l		
72) Bromobenzene	10.45	156	10736	0.438	ug/l		94
73) n-propylbenzene	10.58	120	8830	0.575	ug/l		100
74) 2-Chlorotoluene	10.66	126	8887	0.374	ug/l		91
75) 1,3,5-Trimethylbenzene	10.77	105	28875	0.530	ug/l		96
76) 4-Chlorotoluene	10.77	126	7832	0.456	ug/l		94
77) tert-Butylbenzene	11.10	119	28513	0.373	ug/l		96
78) 1,2,4-Trimethylbenzene	11.15	105	28774	0.527	ug/l		95
79) sec-Butylbenzene	11.32	105	34985	0.471	ug/l		97
81) p-Isopropyltoluene	11.47	119	27455	0.558	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	20454	0.426	ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	16832	0.367	ug/l		90
84) n-Butylbenzene	11.89	91	24299	0.605	ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	20917	0.463	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1836	0.510	ug/l	#	71
87) 1,2,4-Trichlorobenzene	13.51	180	7503	0.319	ug/l		100
88) Hexachlorobutadiene	13.69	225	7133	0.421	ug/l		95
89) Naphthalene	13.75	128	11743	0.830	ug/l	#	89
90) 1,2,3-Trichlorobenzene	13.99	180	8750	0.587	ug/l		96

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

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