Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042619\
Data File : VU031518.D
Acq On : 26 Apr 2019 02:04
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
MMdadoda
4/26/2019 12:23:23 PM

Quant Time: Apr 26 06:00:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	78645	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	28121	1.02	ug/l		0.00
Spiked Amount 1.000			Recovery = 102.00%				
68) 1,2-Dichlorobenzene-d4	11.85	152	25317	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	327232	9.218	ug/l		100
3) Chloromethane	1.32	50	382771	9.035	ug/l		100
4) Vinyl Chloride	1.40	62	370571	9.188	ug/l		100
5) Bromomethane	1.62	94	179472	9.182	ug/l		98
6) Chloroethane	1.70	64	206655	9.263	ug/l		97
7) Trichlorofluoromethane	1.88	101	427402	9.303	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	204769	9.041	ug/l		97
9) 1,1-Dichloroethene	2.28	96	212295	9.427	ug/l		98
10) Iodomethane	2.41	142	243195	9.817	ug/l		99
11) Allyl Chloride	2.59	41	460257	9.331	ug/l		100
12) Acrylonitrile	2.93	53	130762	19.168	ug/l		98
13) Acetone	2.32	43	281201	45.237	ug/l		99
14) Carbon Disulfide	2.47	76	810454	9.376	ug/l		100
15) Methylene Chloride	2.69	84	251850	8.824	ug/l		98
16) trans-1,2-Dichloroethene	2.98	96	234838	9.320	ug/l		95
17) 1,1-Dichloroethane	3.44	63	487432	9.279	ug/l		100
18) 2-Butanone	4.26	43	439382	54.096	ug/l		98
19) Cyclohexane	4.99	56	425536m	10.523	ug/l		
20) Methylcyclohexane	6.41	83	343978	10.598	ug/l		99
21) 2,2-Dichloropropane	4.22	77	294600	7.676	ug/l		99
22) cis-1,2-Dichloroethene	4.22	96	256041	9.501	ug/l		98
23) Diethyl Ether	2.10	59	212106	9.829	ug/l		97
24) tert-Butyl Alcohol	2.82	59	220914	98.702	ug/l		98
25) Methyl tert-Butyl Ether	3.00	73	632275	9.644	ug/l		99
26) Bromochloromethane	4.54	128	109746	9.637	ug/l		99
27) Chloroform	4.67	83	461155	9.470	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	385493	9.399	ug/l		99
29) 1,1-Dichloropropene	5.13	75	344879	10.383	ug/l		99
30) Carbon Tetrachloride	5.13	117	331324	9.483	ug/l		99
31) Isopropyl Ether	3.57	45	779752	9.912	ug/l		99
32) Ethyl-t-butyl ether	4.07	59	654486	10.248	ug/l		100
33) Tert-Amyl methyl ether	5.58	73	557444	10.975	ug/l		99
34) Propionitrile	4.32	54	116705	53.566	ug/l	#	97
35) Benzene	5.38	78	1024391	10.084	ug/l		99
36) 1,2-Dichloroethane	5.40	62	325328	9.828	ug/l		99
37) Trichloroethene	6.18	130	235970	9.494	ug/l		98
38) 1,2-Dichloropropane	6.43	63	283593	9.881	ug/l		96
39) Methacrylonitrile	4.54	41	103012	11.270	ug/l		98
40) Methyl acrylate	4.42	55	146994	10.235	ug/l		97
41) Tetrahydrofuran	4.64	42	109075	21.778	ug/l		97
42) 1-Chlorobutane	5.06	56	519093	10.301	ug/l		99

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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	134605	9.544	ug/l	99
44) Bromodichloromethane	6.75	83	338569	9.661	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	946199	56.050	ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	102703m	19.826	ug/l	
47) Methyl methacrylate	6.62	69	255002	23.399	ug/l	97
48) Ethyl methacrylate	8.02	69	222860	11.751	ug/l	96
49) Toluene	7.63	92	583956	11.057	ug/l	99
50) t-1,3-Dichloropropene	7.87	75	284032	10.288	ug/l	98
51) cis-1,3-Dichloropropene	7.26	75	340576	10.127	ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	182558	9.917	ug/l	98
53) 1,3-Dichloropropane	8.24	76	329037	10.192	ug/l	100
54) 2-Hexanone	8.36	43	656014	57.634	ug/l	100
55) Dibromochloromethane	8.47	129	210046	10.119	ug/l	100
56) 1,2-Dibromoethane	8.58	107	166754	10.124	ug/l	100
58) Tetrachloroethene	8.22	164	231700	9.665	ug/l	98
59) Chlorobenzene	9.12	112	577714	10.427	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.20	131	216077	10.000	ug/l	97
61) Pentachloroethane	11.10	117	138679	9.057	ug/l	96
62) Hexachloroethane	12.14	117	153860	10.203	ug/l	97
63) Ethyl Benzene	9.25	91	1044511	11.514	ug/l	100
64) m/p-Xylenes	9.37	106	779730	22.970	ug/l	97
65) o-Xylene	9.77	106	369817	11.212	ug/l	100
66) Styrene	9.79	104	662220	10.191	ug/l	99
67) Bromoform	9.95	173	117072	10.081	ug/l	98
69) Isopropylbenzene	10.16	105	973757	11.273	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	237828	10.037	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	172673m	10.000	ug/l	
72) Bromobenzene	10.45	156	230963	10.542	ug/l	97
73) n-propylbenzene	10.58	120	260013	11.631	ug/l	94
74) 2-Chlorotoluene	10.66	126	237696	11.155	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	869373	10.188	ug/l	99
76) 4-Chlorotoluene	10.77	126	243205	10.207	ug/l	99
77) tert-Butylbenzene	11.10	119	754961	10.935	ug/l	98
78) 1,2,4-Trimethylbenzene	11.14	105	878515	10.139	ug/l	99
79) sec-Butylbenzene	11.32	105	1085239	11.524	ug/l	98
80) Nitrobenzene	12.86	77	34738	60.901	ug/l	97
81) p-Isopropyltoluene	11.47	119	855771	9.893	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	451392	10.418	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	451427	10.851	ug/l	99
84) n-Butylbenzene	11.89	91	832351	9.733	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	420542	10.212	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	37092	10.875	ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	229118	9.148	ug/l	96
88) Hexachlorobutadiene	13.69	225	142168	9.396	ug/l	100
89) Naphthalene	13.74	128	430073	9.220	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	233756	10.943	ug/l	99

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

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