Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
Data File : VU029830.D
Acq On : 06 Mar 2019 09:26
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
3/11/2019 4:49:41 PM

Quant Time: Mar 08 01:26:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:00:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	63700	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	22235	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	24672	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	11036	0.518	ug/l	97
3) Chloromethane	1.33	50	10701	0.564	ug/l	97
4) Vinyl Chloride	1.40	62	11170	0.523	ug/l	98
5) Bromomethane	1.63	94	8612	0.591	ug/l	90
6) Chloroethane	1.70	64	7037	0.550	ug/l	96
7) Trichlorofluoromethane	1.88	101	15114	0.519	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	9007	0.532	ug/l	98
9) 1,1-Dichloroethene	2.28	96	8731	0.527	ug/l	98
10) Iodomethane	2.41	142	4791	0.334	ug/l	97
11) Allyl Chloride	2.59	41	12225	0.525	ug/l	95
12) Acrylonitrile	2.93	53	3780	1.046	ug/l	90
13) Acetone	2.32	43	8904	2.976	ug/l	98
14) Carbon Disulfide	2.47	76	28096	0.524	ug/l	97
15) Methylene Chloride	2.69	84	11647	0.586	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	9622	0.514	ug/l	96
17) 1,1-Dichloroethane	3.44	63	16578	0.529	ug/l	95
18) 2-Butanone	4.28	43	9762	2.401	ug/l	89
19) Cyclohexane	4.98	56	11726m	0.493	ug/l	
20) Methylcyclohexane	6.41	83	13549	0.478	ug/l	96
21) 2,2-Dichloropropane	4.22	77	13248	0.518	ug/l	94
22) cis-1,2-Dichloroethene	4.23	96	10277	0.518	ug/l	97
23) Diethyl Ether	2.10	59	6444	0.519	ug/l	93
24) tert-Butyl Alcohol	2.84	59	7223	5.637	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	21310	0.511	ug/l	98
26) Bromochloromethane	4.54	128	4305	0.489	ug/l	92
27) Chloroform	4.67	83	16343	0.515	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	13145	0.489	ug/l	97
29) 1,1-Dichloropropene	5.13	75	11977	0.501	ug/l	95
30) Carbon Tetrachloride	5.13	117	11383	0.485	ug/l	95
31) Isopropyl Ether	3.57	45	22197	0.514	ug/l	97
32) Ethyl-t-butyl ether	4.07	59	20812	0.496	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	18407	0.474	ug/l	99
34) Propionitrile	4.33	54	2959	2.446	ug/l #	81
35) Benzene	5.38	78	34893	0.496	ug/l	97
36) 1,2-Dichloroethane	5.40	62	9896	0.515	ug/l	95
37) Trichloroethene	6.18	130	10638	0.518	ug/l	95
38) 1,2-Dichloropropane	6.43	63	8917	0.500	ug/l	99
39) Methacrylonitrile	4.56	41	2356	0.463	ug/l #	88
40) Methyl acrylate	4.44	55	4007	0.498	ug/l #	72
41) Tetrahydrofuran	4.66	42	2965	1.114	ug/l	89
42) 1-Chlorobutane	5.06	56	13963	0.457	ug/l	93

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Quant Time: Mar 08 01:26:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:00:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	4383	0.475	ug/l		96
44) Bromodichloromethane	6.75	83	11606	0.512	ug/l		96
45) 4-Methyl-2-Pentanone	7.46	43	22634	2.350	ug/l		95
46) t-1,4-Dichloro-2-butene	10.51	75	3691m	0.880	ug/l		
47) Methyl methacrylate	6.63	69	6522	0.823	ug/l		90
48) Ethyl methacrylate	8.02	69	6368	0.419	ug/l		92
49) Toluene	7.63	92	20355	0.471	ug/l		99
50) t-1,3-Dichloropropene	7.88	75	9458	0.476	ug/l		94
51) cis-1,3-Dichloropropene	7.27	75	11780	0.479	ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	6937	0.508	ug/l		97
53) 1,3-Dichloropropane	8.24	76	11032	0.492	ug/l		99
54) 2-Hexanone	8.37	43	15848	2.369	ug/l		95
55) Dibromochloromethane	8.48	129	7856	0.484	ug/l		93
56) 1,2-Dibromoethane	8.59	107	6501	0.502	ug/l		98
58) Tetrachloroethene	8.22	164	11028	0.525	ug/l		98
59) Chlorobenzene	9.12	112	24256	0.488	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.20	131	8886	0.499	ug/l		98
61) Pentachloroethane	11.10	117	5727	0.462	ug/l		95
62) Hexachloroethane	12.14	117	6109	0.468	ug/l		97
63) Ethyl Benzene	9.25	91	37994	0.467	ug/l		98
64) m/p-Xylenes	9.37	106	27529	0.856	ug/l		92
65) o-Xylene	9.78	106	13400	0.434	ug/l		90
66) Styrene	9.79	104	21451	0.418	ug/l		96
67) Bromoform	9.95	173	4413	0.463	ug/l	#	94
69) Isopropylbenzene	10.16	105	36536	0.446	ug/l		95
70) 1,1,2,2-Tetrachloroethane	10.46	83	8486	0.509	ug/l		96
71) 1,2,3-Trichloropropane	10.49	75	6584m	0.545	ug/l		
72) Bromobenzene	10.45	156	10186	0.470	ug/l		97
73) n-propylbenzene	10.59	120	9888	0.429	ug/l		98
74) 2-Chlorotoluene	10.66	126	9349	0.458	ug/l		98
75) 1,3,5-Trimethylbenzene	10.77	105	29722	0.431	ug/l		96
76) 4-Chlorotoluene	10.77	126	9211	0.442	ug/l		99
77) tert-Butylbenzene	11.10	119	29608	0.434	ug/l		97
78) 1,2,4-Trimethylbenzene	11.15	105	28203	0.404	ug/l		96
79) sec-Butylbenzene	11.32	105	37789	0.418	ug/l		99
81) p-Isopropyltoluene	11.47	119	32098	0.424	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	20326	0.473	ug/l		96
83) 1,4-Dichlorobenzene	11.51	146	19642	0.468	ug/l		98
84) n-Butylbenzene	11.89	91	29291	0.424	ug/l		95
85) 1,2-Dichlorobenzene	11.88	146	19609	0.484	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1023	0.430	ug/l		94
87) 1,2,4-Trichlorobenzene	13.51	180	10415	0.402	ug/l		96
88) Hexachlorobutadiene	13.69	225	7772	0.476	ug/l		97
89) Naphthalene	13.75	128	14786	0.357	ug/l	#	94
90) 1,2,3-Trichlorobenzene	13.99	180	9567	0.393	ug/l		90

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

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