Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091119\
Data File : VU034469.D
Acq On : 11 Sep 2019 11:07
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Quant Time: Sep 12 02:36:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:05:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	65024	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	25255	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
68) 1,2-Dichlorobenzene-d4	11.84	152	27129	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	114732	4.329	ug/l	100
3) Chloromethane	1.33	50	125922	4.317	ug/l	100
4) Vinyl Chloride	1.40	62	126507	3.936	ug/l	99
5) Bromomethane	1.62	94	68179	3.400	ug/l	97
6) Chloroethane	1.69	64	74071	3.405	ug/l	99
7) Trichlorofluoromethane	1.88	101	156909	3.606	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	83401	3.682	ug/l	99
9) 1,1-Dichloroethene	2.28	96	85080	3.810	ug/l	98
10) Iodomethane	2.40	142	91407	3.132	ug/l	98
11) Allyl Chloride	2.58	41	140200	3.807	ug/l	100
12) Acrylonitrile	2.93	53	35680	5.887	ug/l	98
13) Acetone	2.31	43	71402	13.752	ug/l	99
14) Carbon Disulfide	2.47	76	296545	3.523	ug/l	100
15) Methylene Chloride	2.69	84	94035	3.151	ug/l	99
16) trans-1,2-Dichloroethene	2.96	96	94888	3.600	ug/l	100
17) 1,1-Dichloroethane	3.42	63	183702	4.937	ug/l	99
18) 2-Butanone	4.26	43	110747	21.488	ug/l	99
19) Cyclohexane	4.97	56	148869m	5.384	ug/l	
20) Methylcyclohexane	6.39	83	150205	5.393	ug/l	97
21) 2,2-Dichloropropane	4.20	77	144676	4.578	ug/l	100
22) cis-1,2-Dichloroethene	4.20	96	104677	4.989	ug/l	100
23) Diethyl Ether	2.10	59	64214	3.404	ug/l	99
24) tert-Butyl Alcohol	2.82	59	70238	24.507	ug/l	99
25) Methyl tert-Butyl Ether	2.99	73	205399	3.271	ug/l	99
26) Bromochloromethane	4.52	128	44360	4.852	ug/l	99
27) Chloroform	4.65	83	180135	4.302	ug/l	99
28) 1,1,1-Trichloroethane	4.89	97	149503	4.618	ug/l	99
29) 1,1-Dichloropropene	5.11	75	132578	4.930	ug/l	98
30) Carbon Tetrachloride	5.11	117	133963	4.684	ug/l	99
31) Isopropyl Ether	3.56	45	263154	5.476	ug/l	99
32) Ethyl-t-butyl ether	4.05	59	223963	4.957	ug/l	99
33) Tert-Amyl methyl ether	5.56	73	193072	4.840	ug/l	100
34) Propionitrile	4.31	54	35865	24.617	ug/l #	95
35) Benzene	5.37	78	396355	5.074	ug/l	98
36) 1,2-Dichloroethane	5.39	62	99979	3.989	ug/l	100
37) Trichloroethene	6.16	130	107116	5.138	ug/l	96
38) 1,2-Dichloropropane	6.41	63	103606	4.839	ug/l	100
39) Methacrylonitrile	4.53	41	25931	4.428	ug/l	97
40) Methyl acrylate	4.41	55	38983	4.288	ug/l	99
41) Tetrahydrofuran	4.63	42	27524	9.413	ug/l	96
42) 1-Chlorobutane	5.04	56	181620	5.004	ug/l	98

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Acq On : 11 Sep 2019 11:07
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

MMDadoda
9/12/2019 4:53:26 PM

Quant Time: Sep 12 02:36:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:05:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.54	93	47735	4.145 ug/l	98
44) Bromodichloromethane	6.74	83	122623	4.350 ug/l	99
45) 4-Methyl-2-Pentanone	7.44	43	250640	21.430 ug/l	100
46) t-1,4-Dichloro-2-butene	10.50	75	40695m	8.785 ug/l	
47) Methyl methacrylate	6.61	69	80261	9.114 ug/l	98
48) Ethyl methacrylate	8.00	69	71390	4.572 ug/l	100
49) Toluene	7.62	92	239031	5.342 ug/l	99
50) t-1,3-Dichloropropene	7.86	75	103212	4.420 ug/l	99
51) cis-1,3-Dichloropropene	7.25	75	128772	4.595 ug/l	99
52) 1,1,2-Trichloroethane	8.05	97	68531	4.434 ug/l	95
53) 1,3-Dichloropropane	8.22	76	113824	4.347 ug/l	98
54) 2-Hexanone	8.35	43	173542	21.156 ug/l	97
55) Dibromochloromethane	8.46	129	82961	4.555 ug/l	99
56) 1,2-Dibromoethane	8.57	107	60305	4.192 ug/l	99
58) Tetrachloroethene	8.21	164	103398	5.439 ug/l	99
59) Chlorobenzene	9.10	112	258694	5.057 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.19	131	93845	4.836 ug/l	99
61) Pentachloroethane	11.08	117	75876	4.787 ug/l	96
62) Hexachloroethane	12.12	117	67837	4.486 ug/l	95
63) Ethyl Benzene	9.23	91	423541	5.152 ug/l	100
64) m/p-Xylenes	9.35	106	355699	10.795 ug/l	100
65) o-Xylene	9.76	106	165144	5.236 ug/l	99
66) Styrene	9.77	104	289413	5.435 ug/l	100
67) Bromoform	9.94	173	46458	4.670 ug/l	99
69) Isopropylbenzene	10.14	105	436484	5.383 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.43	83	85883	4.202 ug/l	99
71) 1,2,3-Trichloropropane	10.47	75	63068m	3.981 ug/l	
72) Bromobenzene	10.43	156	113710	5.301 ug/l	100
73) n-propylbenzene	10.57	120	127594	5.509 ug/l	99
74) 2-Chlorotoluene	10.64	126	114653	5.454 ug/l	99
75) 1,3,5-Trimethylbenzene	10.75	105	405477	5.592 ug/l	98
76) 4-Chlorotoluene	10.75	126	119488	5.488 ug/l	94
77) tert-Butylbenzene	11.08	119	373559	5.384 ug/l	99
78) 1,2,4-Trimethylbenzene	11.12	105	410455	5.548 ug/l	99
79) sec-Butylbenzene	11.30	105	513047	5.424 ug/l	100
80) Nitrobenzene	12.85	77	8610m	10.403 ug/l	
81) p-Isopropyltoluene	11.45	119	437137	5.653 ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	237636	5.227 ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	237508	5.292 ug/l	99
84) n-Butylbenzene	11.87	91	396241	5.083 ug/l	99
85) 1,2-Dichlorobenzene	11.85	146	213768	5.046 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.64	75	11821	3.726 ug/l	97
87) 1,2,4-Trichlorobenzene	13.48	180	127807	5.061 ug/l	99
88) Hexachlorobutadiene	13.67	225	91802	5.682 ug/l	99
89) Naphthalene	13.72	128	164449	3.959 ug/l	99
90) 1,2,3-Trichlorobenzene	13.97	180	118751	4.873 ug/l	99

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

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:05:08 2019
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Instrument :
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ClientSampleId :
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