Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
Data File : VU029835.D
Acq On : 06 Mar 2019 11:41
Operator : JC/SP
Sample : VSTDICC015
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 08 01:29:33 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

Instrument : MSVOA_U
ClientSampleId : VSTDICC015

Manual Integrations APPROVED

MMDadoda

3/11/2019 4:50:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	67479	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	24061	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	29414	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	325089	14.398	ug/l	100
3) Chloromethane	1.33	50	273601	13.608	ug/l	99
4) Vinyl Chloride	1.40	62	332034	14.680	ug/l	99
5) Bromomethane	1.62	94	192542	12.466	ug/l	99
6) Chloroethane	1.69	64	196482	14.487	ug/l	96
7) Trichlorofluoromethane	1.88	101	451351	14.644	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	260987	14.555	ug/l	99
9) 1,1-Dichloroethene	2.28	96	257801	14.688	ug/l	99
10) Iodomethane	2.41	142	303981	19.977	ug/l	99
11) Allyl Chloride	2.59	41	354721	14.376	ug/l	99
12) Acrylonitrile	2.93	53	107797	28.167	ug/l	99
13) Acetone	2.32	43	210813	66.508	ug/l	99
14) Carbon Disulfide	2.47	76	827507	14.558	ug/l	100
15) Methylene Chloride	2.69	84	285829	13.571	ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	283558	14.301	ug/l	99
17) 1,1-Dichloroethane	3.44	63	473018	14.258	ug/l	99
18) 2-Butanone	4.27	43	335379	77.856	ug/l	98
19) Cyclohexane	4.99	56	403069m	16.013	ug/l	
20) Methylcyclohexane	6.41	83	470875	15.696	ug/l	100
21) 2,2-Dichloropropane	4.22	77	390509	14.401	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	312362	14.865	ug/l	99
23) Diethyl Ether	2.10	59	193696	14.720	ug/l	100
24) tert-Butyl Alcohol	2.84	59	193829	142.794	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	646541	14.628	ug/l	100
26) Bromochloromethane	4.54	128	134568	14.425	ug/l	99
27) Chloroform	4.67	83	490654	14.606	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	422477	14.833	ug/l	99
29) 1,1-Dichloropropene	5.13	75	372251	14.707	ug/l	98
30) Carbon Tetrachloride	5.13	117	378676	15.239	ug/l	97
31) Isopropyl Ether	3.58	45	675945	14.773	ug/l	100
32) Ethyl-t-butyl ether	4.07	59	678147	15.247	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	636105	15.466	ug/l	99
34) Propionitrile	4.33	54	96821	75.560	ug/l	96
35) Benzene	5.38	78	1114084	14.942	ug/l	100
36) 1,2-Dichloroethane	5.40	62	294662	14.469	ug/l	100
37) Trichloroethene	6.18	130	322030	14.792	ug/l	97
38) 1,2-Dichloropropane	6.43	63	283306	15.011	ug/l	100
39) Methacrylonitrile	4.55	41	82071	15.226	ug/l	97
40) Methyl acrylate	4.42	55	131536	15.439	ug/l	100
41) Tetrahydrofuran	4.65	42	81557	28.929	ug/l	98
42) 1-Chlorobutane	5.06	56	506432	15.661	ug/l	98

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Quant Time: Mar 08 01:29:33 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

Instrument : MSVOA_U
ClientSampleId : VSTDICC015

Manual Integrations APPROVED

MMDadoda
3/11/2019 4:50:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	145832	14.908	ug/l	100
44) Bromodichloromethane	6.75	83	358782	14.935	ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	795600	77.985	ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	147168m	33.139	ug/l	
47) Methyl methacrylate	6.62	69	270303	32.202	ug/l	99
48) Ethyl methacrylate	8.02	69	274363	17.059	ug/l	99
49) Toluene	7.63	92	716509	15.647	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	337945	16.052	ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	408678	15.681	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	216201	14.932	ug/l	98
53) 1,3-Dichloropropane	8.24	76	354111	14.911	ug/l	99
54) 2-Hexanone	8.36	43	563826	79.576	ug/l	99
55) Dibromochloromethane	8.47	129	270524	15.742	ug/l	100
56) 1,2-Dibromoethane	8.58	107	201141	14.651	ug/l	99
58) Tetrachloroethene	8.22	164	321549	14.461	ug/l	98
59) Chlorobenzene	9.12	112	818976	15.563	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	286449	15.174	ug/l	100
61) Pentachloroethane	11.10	117	209636	15.951	ug/l	100
62) Hexachloroethane	12.14	117	227935	16.486	ug/l	96
63) Ethyl Benzene	9.25	91	1385096	16.067	ug/l	100
64) m/p-Xylenes	9.37	106	1111167	32.606	ug/l	99
65) o-Xylene	9.77	106	535892	16.373	ug/l	100
66) Styrene	9.79	104	916102	16.848	ug/l	99
67) Bromoform	9.95	173	163498	16.199	ug/l	100
69) Isopropylbenzene	10.16	105	1411678	16.265	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	265812	15.053	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	189902m	14.849	ug/l	
72) Bromobenzene	10.45	156	360995	15.714	ug/l	98
73) n-propylbenzene	10.58	120	402928	16.514	ug/l	98
74) 2-Chlorotoluene	10.66	126	344899	15.936	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	1202310	16.444	ug/l	100
76) 4-Chlorotoluene	10.77	126	359696	16.297	ug/l	97
77) tert-Butylbenzene	11.10	119	1188309	16.426	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	1231550	16.668	ug/l	100
79) sec-Butylbenzene	11.32	105	1593305	16.618	ug/l	100
80) Nitrobenzene	12.86	77	32447	96.267	ug/l	97
81) p-Isopropyltoluene	11.47	119	1349983	16.819	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	706283	15.523	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	705835	15.877	ug/l	99
84) n-Butylbenzene	11.89	91	1239430	16.948	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	659771	15.378	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	41734	16.553	ug/l	98
87) 1,2,4-Trichlorobenzene	13.50	180	477738	17.388	ug/l	98
88) Hexachlorobutadiene	13.69	225	266143	15.379	ug/l	99
89) Naphthalene	13.74	128	824798	18.781	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	437649	16.956	ug/l	99

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

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