Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041519\
Data File : VU031201.D
Acq On : 15 Apr 2019 22:20
Operator : JC/SP
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED
MMDadoda
5/6/2019 1:41:11 PM

Quant Time: Apr 16 04:35:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	35973	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	14341	1.12	ug/l	0.00
Spiked Amount 1.000			Recovery = 112.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	13350	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery = 109.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	150425	10.310	ug/l	100
3) Chloromethane	1.32	50	156747	9.091	ug/l	100
4) Vinyl Chloride	1.40	62	151628	9.216	ug/l	100
5) Bromomethane	1.63	94	90887	11.180	ug/l	100
6) Chloroethane	1.70	64	103750	10.840	ug/l	100
7) Trichlorofluoromethane	1.88	101	220528	11.241	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	111387	11.276	ug/l	100
9) 1,1-Dichloroethene	2.29	96	111190	11.359	ug/l	100
10) Iodomethane	2.41	142	161747	12.695	ug/l	100
11) Allyl Chloride	2.59	41	225962	10.789	ug/l	100
12) Acrylonitrile	2.94	53	67656	21.256	ug/l	100
13) Acetone	2.33	43	130717	44.771	ug/l	100
14) Carbon Disulfide	2.48	76	414765	11.533	ug/l	100
15) Methylene Chloride	2.70	84	135816	10.172	ug/l	100
16) trans-1,2-Dichloroethene	2.98	96	124148	11.211	ug/l	100
17) 1,1-Dichloroethane	3.44	63	184722	8.523	ug/l	100
18) 2-Butanone	4.27	43	160707	43.187	ug/l	100
19) Cyclohexane	4.99	56	142291	8.139	ug/l	100
20) Methylcyclohexane	6.41	83	158179	10.427	ug/l	100
21) 2,2-Dichloropropane	4.22	77	147744	8.824	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	108649	9.718	ug/l	100
23) Diethyl Ether	2.10	59	107085	10.870	ug/l	100
24) tert-Butyl Alcohol	2.86	59	115503	100.370	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	337779	11.037	ug/l	100
26) Bromochloromethane	4.54	128	48644	10.045	ug/l	100
27) Chloroform	4.67	83	186986	9.109	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	160420	9.492	ug/l	100
29) 1,1-Dichloropropene	5.13	75	142747	9.643	ug/l	100
30) Carbon Tetrachloride	5.13	117	143150	9.699	ug/l	100
31) Isopropyl Ether	3.57	45	279015	7.924	ug/l	100
32) Ethyl-t-butyl ether	4.07	59	249545	8.722	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	246412	10.240	ug/l	100
34) Propionitrile	4.33	54	44756	48.388	ug/l	100
35) Benzene	5.39	78	438381	9.976	ug/l	100
36) 1,2-Dichloroethane	5.40	62	134719	9.638	ug/l	100
37) Trichloroethene	6.18	130	113601	10.622	ug/l	100
38) 1,2-Dichloropropane	6.43	63	117079	9.342	ug/l	100
39) Methacrylonitrile	4.54	41	39777	8.697	ug/l	100
40) Methyl acrylate	4.42	55	59484	10.583	ug/l	100
41) Tetrahydrofuran	4.65	42	40983	16.650	ug/l	100
42) 1-Chlorobutane	5.06	56	209653	9.324	ug/l	100

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ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Apr 16 04:35:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	61388	10.442 ug/l	100
44) Bromodichloromethane	6.75	83	148688	9.683 ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	409595	48.986 ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	59318m	20.607 ug/l	
47) Methyl methacrylate	6.62	69	119562	22.312 ug/l	100
48) Ethyl methacrylate	8.02	69	111848	11.143 ug/l	100
49) Toluene	7.63	92	258512	10.781 ug/l	100
50) t-1,3-Dichloropropene	7.88	75	137649	10.456 ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	158417	10.012 ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	82995	9.896 ug/l	100
53) 1,3-Dichloropropane	8.24	76	146487	9.978 ug/l	100
54) 2-Hexanone	8.36	43	278665	50.239 ug/l	100
55) Dibromochloromethane	8.47	129	99873	10.480 ug/l	100
56) 1,2-Dibromoethane	8.58	107	78468	10.367 ug/l	100
58) Tetrachloroethene	8.22	164	105078	11.055 ug/l	100
59) Chlorobenzene	9.12	112	274058	10.452 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.20	131	99044	10.011 ug/l	100
61) Pentachloroethane	11.10	117	75536	9.964 ug/l	100
62) Hexachloroethane	12.14	117	74212	10.302 ug/l	100
63) Ethyl Benzene	9.25	91	474202	10.921 ug/l	100
64) m/p-Xylenes	9.37	106	371998	23.432 ug/l	100
65) o-Xylene	9.77	106	171174	11.095 ug/l	100
66) Styrene	9.79	104	305577	11.471 ug/l	100
67) Bromoform	9.95	173	59423	10.849 ug/l	100
69) Isopropylbenzene	10.16	105	460059	11.175 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	106674	9.672 ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	80275m	9.573 ug/l	
72) Bromobenzene	10.45	156	115700	11.118 ug/l	100
73) n-propylbenzene	10.58	120	127022	11.567 ug/l	100
74) 2-Chlorotoluene	10.66	126	113889	11.365 ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	399397	11.453 ug/l	100
76) 4-Chlorotoluene	10.77	126	114764	11.221 ug/l	100
77) tert-Butylbenzene	11.10	119	379162	11.158 ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	410718	11.562 ug/l	100
79) sec-Butylbenzene	11.32	105	512969	11.109 ug/l	100
80) Nitrobenzene	12.86	77	20899	63.668 ug/l	100
81) p-Isopropyltoluene	11.47	119	420948	11.626 ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	224245	10.880 ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	227418	11.164 ug/l	100
84) n-Butylbenzene	11.89	91	408551	11.227 ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	210945	10.769 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	17916	10.404 ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	140044	11.970 ug/l	100
88) Hexachlorobutadiene	13.69	225	81085	11.548 ug/l	100
89) Naphthalene	13.74	128	264836	12.851 ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	137740	11.838 ug/l	100

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

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