Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041619\
Data File : VU031211.D
Acq On : 16 Apr 2019 13:31
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
4/17/2019 9:15:26 AM

Quant Time: Apr 17 03:50:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:55:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	36722	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	13049	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	13683	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	150071	9.450	ug/l	99
3) Chloromethane	1.32	50	154091	9.195	ug/l	98
4) Vinyl Chloride	1.40	62	154571	9.442	ug/l	100
5) Bromomethane	1.63	94	104870	10.934	ug/l	100
6) Chloroethane	1.70	64	101266	8.958	ug/l	97
7) Trichlorofluoromethane	1.88	101	223873	9.377	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	118393	9.962	ug/l	99
9) 1,1-Dichloroethene	2.28	96	115291	9.711	ug/l	98
10) Iodomethane	2.41	142	150317	9.375	ug/l	100
11) Allyl Chloride	2.59	41	228876	9.822	ug/l	100
12) Acrylonitrile	2.94	53	66487	19.143	ug/l	99
13) Acetone	2.32	43	151362	53.172	ug/l	99
14) Carbon Disulfide	2.48	76	430512	9.818	ug/l	99
15) Methylene Chloride	2.70	84	132925	8.684	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	126252	9.635	ug/l	98
17) 1,1-Dichloroethane	3.44	63	189140	9.114	ug/l	99
18) 2-Butanone	4.27	43	168386	52.167	ug/l	99
19) Cyclohexane	4.99	56	156970	10.751	ug/l	99
20) Methylcyclohexane	6.41	83	170296	11.501	ug/l	98
21) 2,2-Dichloropropane	4.22	77	166405	10.345	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	112919	9.884	ug/l	98
23) Diethyl Ether	2.10	59	106749	9.640	ug/l	99
24) tert-Butyl Alcohol	2.84	59	114620	97.182	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	331325	9.571	ug/l	100
26) Bromochloromethane	4.54	128	52610	10.102	ug/l	99
27) Chloroform	4.67	83	200016	9.741	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	170973	9.796	ug/l	99
29) 1,1-Dichloropropene	5.13	75	155413	10.619	ug/l	100
30) Carbon Tetrachloride	5.13	117	152037	9.860	ug/l	98
31) Isopropyl Ether	3.57	45	292017	9.596	ug/l	97
32) Ethyl-t-butyl ether	4.06	59	260675	10.101	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	243859	10.795	ug/l	98
34) Propionitrile	4.33	54	46485	52.119	ug/l #	95
35) Benzene	5.38	78	439002	10.078	ug/l	100
36) 1,2-Dichloroethane	5.40	62	136074	9.816	ug/l	99
37) Trichloroethene	6.18	130	115120	9.424	ug/l	95
38) 1,2-Dichloropropane	6.43	63	115892	9.991	ug/l	99
39) Methacrylonitrile	4.54	41	42587	10.601	ug/l	97
40) Methyl acrylate	4.42	55	62222	9.939	ug/l	97
41) Tetrahydrofuran	4.64	42	46101	22.472	ug/l	98
42) 1-Chlorobutane	5.06	56	223981	10.744	ug/l	98

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Quant Time: Apr 17 03:50:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:55:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	60702	9.726	ug/l		97
44) Bromodichloromethane	6.75	83	149189	9.920	ug/l		99
45) 4-Methyl-2-Pentanone	7.46	43	399656	54.285	ug/l		100
46) t-1,4-Dichloro-2-butene	10.51	75	59546m	21.219	ug/l		
47) Methyl methacrylate	6.62	69	120362	22.852	ug/l		97
48) Ethyl methacrylate	8.02	69	110550	9.679	ug/l		95
49) Toluene	7.63	92	260107	10.879	ug/l		99
50) t-1,3-Dichloropropene	7.88	75	141793	11.057	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	165210	10.896	ug/l		99
52) 1,1,2-Trichloroethane	8.06	97	84188	9.997	ug/l		98
53) 1,3-Dichloropropane	8.24	76	145719	10.193	ug/l		100
54) 2-Hexanone	8.36	43	288025	57.969	ug/l		98
55) Dibromochloromethane	8.47	129	100978	10.116	ug/l		99
56) 1,2-Dibromoethane	8.58	107	77999	9.966	ug/l		99
58) Tetrachloroethene	8.22	164	106804	10.284	ug/l		98
59) Chlorobenzene	9.12	112	276450	10.412	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.20	131	98933	9.941	ug/l		97
61) Pentachloroethane	11.10	117	75552	9.756	ug/l		94
62) Hexachloroethane	12.14	117	73835	9.865	ug/l		98
63) Ethyl Benzene	9.25	91	484931	11.447	ug/l		100
64) m/p-Xylenes	9.37	106	372668	23.103	ug/l		98
65) o-Xylene	9.77	106	176968	11.462	ug/l		97
66) Styrene	9.79	104	313993	10.097	ug/l		98
67) Bromoform	9.95	173	58812	10.211	ug/l		98
69) Isopropylbenzene	10.16	105	475056	11.479	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.45	83	103483	9.474	ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	80312m	10.169	ug/l		
72) Bromobenzene	10.45	156	114725	10.476	ug/l		98
73) n-propylbenzene	10.58	120	132190	11.960	ug/l		95
74) 2-Chlorotoluene	10.66	126	113305	11.117	ug/l		97
75) 1,3,5-Trimethylbenzene	10.77	105	406746	11.611	ug/l		100
76) 4-Chlorotoluene	10.77	126	116985	11.393	ug/l		99
77) tert-Butylbenzene	11.10	119	381487	11.131	ug/l		100
78) 1,2,4-Trimethylbenzene	11.14	105	412208	11.673	ug/l		99
79) sec-Butylbenzene	11.32	105	518913	11.254	ug/l		99
80) Nitrobenzene	12.86	77	20149	48.372	ug/l	#	97
81) p-Isopropyltoluene	11.47	119	435495	11.758	ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	227739	10.529	ug/l		100
83) 1,4-Dichlorobenzene	11.50	146	228048	10.886	ug/l		99
84) n-Butylbenzene	11.88	91	429501	12.000	ug/l		99
85) 1,2-Dichlorobenzene	11.87	146	215695	10.635	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	17566	11.174	ug/l		99
87) 1,2,4-Trichlorobenzene	13.50	180	141490	11.414	ug/l		99
88) Hexachlorobutadiene	13.69	225	86071	10.394	ug/l		98
89) Naphthalene	13.74	128	258300	9.406	ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	139266	11.221	ug/l		99

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

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