Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041619\
Data File : VU031205.D
Acq On : 16 Apr 2019 09:54
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
MMDadoda
4/17/2019 9:15:12 AM

Quant Time: Apr 17 03:07:33 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	36768	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	17025	1.27	ug/l		0.00
Spiked Amount 1.000			Recovery = 127.00%				
68) 1,2-Dichlorobenzene-d4	11.85	152	14338	1.07	ug/l		0.00
Spiked Amount 1.000			Recovery = 107.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	158686	9.979	ug/l		97
3) Chloromethane	1.32	50	166138	9.902	ug/l		99
4) Vinyl Chloride	1.40	62	161836	9.873	ug/l		99
5) Bromomethane	1.63	94	99707	10.383	ug/l		97
6) Chloroethane	1.70	64	110022	9.720	ug/l		100
7) Trichlorofluoromethane	1.89	101	236656	9.901	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	124673	10.477	ug/l		99
9) 1,1-Dichloroethene	2.28	96	118720	9.987	ug/l		99
10) Iodomethane	2.41	142	183928	11.457	ug/l		100
11) Allyl Chloride	2.59	41	253333	10.858	ug/l		97
12) Acrylonitrile	2.94	53	67997	19.553	ug/l		98
13) Acetone	2.32	43	151740	53.238	ug/l		100
14) Carbon Disulfide	2.48	76	462928	10.544	ug/l		100
15) Methylene Chloride	2.70	84	139045	9.073	ug/l		100
16) trans-1,2-Dichloroethene	2.98	96	132289	10.084	ug/l		96
17) 1,1-Dichloroethane	3.44	63	219091	10.544	ug/l		99
18) 2-Butanone	4.27	43	187314	57.958	ug/l		99
19) Cyclohexane	4.99	56	166766	11.407	ug/l		100
20) Methylcyclohexane	6.41	83	180979	12.207	ug/l		97
21) 2,2-Dichloropropane	4.22	77	184874	11.479	ug/l		99
22) cis-1,2-Dichloroethene	4.22	96	125676	10.987	ug/l		100
23) Diethyl Ether	2.10	59	114334	10.312	ug/l		99
24) tert-Butyl Alcohol	2.84	59	110382	93.472	ug/l		99
25) Methyl tert-Butyl Ether	3.00	73	346728	10.004	ug/l		99
26) Bromochloromethane	4.54	128	55271	10.599	ug/l		100
27) Chloroform	4.67	83	213583	10.388	ug/l		97
28) 1,1,1-Trichloroethane	4.91	97	182481	10.442	ug/l		99
29) 1,1-Dichloropropene	5.13	75	163676	11.169	ug/l		100
30) Carbon Tetrachloride	5.13	117	161602	10.467	ug/l		99
31) Isopropyl Ether	3.57	45	330803	10.857	ug/l		95
32) Ethyl-t-butyl ether	4.06	59	292529	11.321	ug/l		99
33) Tert-Amyl methyl ether	5.58	73	259846	11.488	ug/l		99
34) Propionitrile	4.33	54	51601	57.783	ug/l	#	85
35) Benzene	5.38	78	469210	10.758	ug/l		99
36) 1,2-Dichloroethane	5.40	62	141494	10.194	ug/l		99
37) Trichloroethene	6.18	130	124210	10.156	ug/l		99
38) 1,2-Dichloropropane	6.43	63	124423	10.713	ug/l		99
39) Methacrylonitrile	4.54	41	46476	11.555	ug/l		96
40) Methyl acrylate	4.42	55	67006	10.652	ug/l		98
41) Tetrahydrofuran	4.64	42	45896	22.344	ug/l		97
42) 1-Chlorobutane	5.06	56	234907	11.254	ug/l		99

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Time: Apr 17 03:07:33 2019
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	66040	10.568	ug/l		98
44) Bromodichloromethane	6.75	83	155766	10.344	ug/l		100
45) 4-Methyl-2-Pentanone	7.46	43	429276	58.235	ug/l		99
46) t-1,4-Dichloro-2-butene	10.51	75	63266m	22.516	ug/l		
47) Methyl methacrylate	6.62	69	125310	23.762	ug/l		98
48) Ethyl methacrylate	8.02	69	118709	10.347	ug/l		97
49) Toluene	7.63	92	278709	11.643	ug/l		100
50) t-1,3-Dichloropropene	7.88	75	150146	11.693	ug/l		100
51) cis-1,3-Dichloropropene	7.27	75	174291	11.480	ug/l		98
52) 1,1,2-Trichloroethane	8.06	97	90389	10.720	ug/l		97
53) 1,3-Dichloropropane	8.24	76	153858	10.749	ug/l		99
54) 2-Hexanone	8.36	43	303852	61.078	ug/l		99
55) Dibromochloromethane	8.47	129	106495	10.655	ug/l		99
56) 1,2-Dibromoethane	8.58	107	80352	10.254	ug/l		99
58) Tetrachloroethene	8.22	164	114823	11.042	ug/l		98
59) Chlorobenzene	9.12	112	295606	11.119	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.20	131	106416	10.680	ug/l		98
61) Pentachloroethane	11.10	117	79280	10.225	ug/l		94
62) Hexachloroethane	12.14	117	81171	10.831	ug/l		99
63) Ethyl Benzene	9.25	91	515759	12.159	ug/l		100
64) m/p-Xylenes	9.37	106	399374	24.728	ug/l		99
65) o-Xylene	9.77	106	184406	11.929	ug/l		99
66) Styrene	9.79	104	326925	10.486	ug/l		99
67) Bromoform	9.95	173	63954	11.090	ug/l		100
69) Isopropylbenzene	10.16	105	499822	12.062	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.45	83	108919	9.959	ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	84509m	10.687	ug/l		
72) Bromobenzene	10.45	156	122928	11.211	ug/l		99
73) n-propylbenzene	10.58	120	137787	12.451	ug/l		99
74) 2-Chlorotoluene	10.66	126	119823	11.742	ug/l		99
75) 1,3,5-Trimethylbenzene	10.77	105	428730	12.223	ug/l		99
76) 4-Chlorotoluene	10.77	126	124253	12.086	ug/l		100
77) tert-Butylbenzene	11.10	119	405546	11.818	ug/l		99
78) 1,2,4-Trimethylbenzene	11.14	105	443038	12.531	ug/l		100
79) sec-Butylbenzene	11.32	105	554178	12.003	ug/l		100
80) Nitrobenzene	12.86	77	20788	49.702	ug/l	#	94
81) p-Isopropyltoluene	11.47	119	457967	12.349	ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	238752	11.024	ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	234402	11.175	ug/l		98
84) n-Butylbenzene	11.89	91	454773	12.690	ug/l		99
85) 1,2-Dichlorobenzene	11.87	146	220741	10.870	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	17306	10.995	ug/l		93
87) 1,2,4-Trichlorobenzene	13.50	180	155555	12.533	ug/l		100
88) Hexachlorobutadiene	13.69	225	88539	10.679	ug/l		100
89) Naphthalene	13.74	128	273742	9.918	ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	150437	12.106	ug/l		99

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

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