Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082018\
Data File : VU026219.D
Acq On : 20 Aug 2018 19:58
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
8/21/2018 11:38:54 AM

Quant Time: Aug 21 08:53:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:35:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	35431	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	13991	1.10	ug/l		0.00
Spiked Amount 1.000			Recovery = 110.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	14684	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	131307	9.53	ug/l		100
3) Chloromethane	1.33	50	109014	9.27	ug/l		100
4) Vinyl Chloride	1.40	62	112079	9.53	ug/l		100
5) Bromomethane	1.63	94	69470	10.74	ug/l		98
6) Chloroethane	1.70	64	65063	9.23	ug/l		98
7) Trichlorofluoromethane	1.89	101	163139	9.39	ug/l		99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	89309	9.27	ug/l		98
9) 1,1-Dichloroethene	2.29	96	75810	9.21	ug/l		97
10) Iodomethane	2.41	142	119138	9.25	ug/l		95
11) Allyl Chloride	2.59	41	131710	9.52	ug/l		87
12) Acrylonitrile	2.94	53	34662	18.58	ug/l		96
13) Acetone	2.32	43	71407	49.64	ug/l		96
14) Carbon Disulfide	2.48	76	265828	9.35	ug/l		100
15) Methylene Chloride	2.70	84	87382	10.15	ug/l		97
16) trans-1,2-Dichloroethene	2.98	96	87500	9.19	ug/l		96
17) 1,1-Dichloroethane	3.45	63	165071	9.48	ug/l		99
18) 2-Butanone	4.28	43	129163	48.37	ug/l		97
19) Cyclohexane	5.00	56	131778	10.29	ug/l		85
20) Methylcyclohexane	6.42	83	158074	10.54	ug/l		96
21) 2,2-Dichloropropane	4.23	77	161109	9.00	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	110343	9.55	ug/l		92
23) Diethyl Ether	2.10	59	58225	9.24	ug/l		97
24) tert-Butyl Alcohol	2.83	59	58419	90.60	ug/l	#	79
25) Methyl tert-Butyl Ether	3.00	73	204577	9.54	ug/l		97
26) Bromochloromethane	4.55	128	51535	9.98	ug/l		81
27) Chloroform	4.68	83	191203	9.49	ug/l		99
28) 1,1,1-Trichloroethane	4.92	97	173433	9.69	ug/l		98
29) 1,1-Dichloropropene	5.14	75	143162	10.13	ug/l		98
30) Carbon Tetrachloride	5.14	117	162204	9.60	ug/l		99
31) Isopropyl Ether	3.58	45	276457	9.63	ug/l		92
32) Ethyl-t-butyl ether	4.08	59	249777	9.94	ug/l		93
33) Tert-Amyl methyl ether	5.59	73	223893	10.43	ug/l		98
34) Propionitrile	4.34	54	38125	50.13	ug/l	#	92
35) Benzene	5.39	78	401903	9.84	ug/l		100
36) 1,2-Dichloroethane	5.41	62	122396	9.67	ug/l		98
37) Trichloroethene	6.19	130	108366	9.43	ug/l		98
38) 1,2-Dichloropropane	6.44	63	105182	9.95	ug/l		99
39) Methacrylonitrile	4.55	41	32374	10.09	ug/l		92
40) Methyl acrylate	4.43	55	50291	10.33	ug/l	#	95
41) Tetrahydrofuran	4.65	42	31367	17.57	ug/l		93
42) 1-Chlorobutane	5.07	56	196217	10.27	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	53977	9.61	ug/l		97
44) Bromodichloromethane	6.76	83	140975	9.72	ug/l		98
45) 4-Methyl-2-Pentanone	7.47	43	299503	52.59	ug/l		97
46) t-1,4-Dichloro-2-butene	10.52	75	54731m	19.06	ug/l		
47) Methyl methacrylate	6.63	69	93259	21.73	ug/l		95
48) Ethyl methacrylate	8.02	69	88235	11.23	ug/l		98
49) Toluene	7.64	92	246435	10.57	ug/l		95
50) t-1,3-Dichloropropene	7.88	75	126239	10.20	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	143952	10.03	ug/l		98
52) 1,1,2-Trichloroethane	8.07	97	75064	9.85	ug/l		99
53) 1,3-Dichloropropane	8.25	76	126767	10.01	ug/l		100
54) 2-Hexanone	8.37	43	212807	52.49	ug/l		99
55) Dibromochloromethane	8.48	129	97714	9.59	ug/l		96
56) 1,2-Dibromoethane	8.59	107	70888	9.56	ug/l		99
58) Tetrachloroethene	8.23	164	106631	9.82	ug/l		98
59) Chlorobenzene	9.12	112	275881	10.22	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	107821	10.01	ug/l		98
61) Pentachloroethane	11.10	117	88503	9.63	ug/l		99
62) Hexachloroethane	12.15	117	93644	10.22	ug/l		94
63) Ethyl Benzene	9.25	91	472614	11.03	ug/l		98
64) m/p-Xylenes	9.38	106	390249	22.82	ug/l		96
65) o-Xylene	9.78	106	178229	10.93	ug/l		99
66) Styrene	9.79	104	319324	11.44	ug/l		100
67) Bromoform	9.96	173	59440	9.91	ug/l	#	98
69) Isopropylbenzene	10.17	105	478638	11.10	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	95236	9.96	ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	69488m	10.15	ug/l		
72) Bromobenzene	10.45	156	123571	10.24	ug/l		94
73) n-propylbenzene	10.59	120	142643	11.31	ug/l		94
74) 2-Chlorotoluene	10.66	126	124202	10.92	ug/l		89
75) 1,3,5-Trimethylbenzene	10.77	105	440494	11.50	ug/l		100
76) 4-Chlorotoluene	10.77	126	129913	11.11	ug/l		96
77) tert-Butylbenzene	11.10	119	414904	10.87	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	454468	11.46	ug/l		100
79) sec-Butylbenzene	11.33	105	559759	11.19	ug/l		98
80) Nitrobenzene	12.86	77	20508	49.10	ug/l		98
81) p-Isopropyltoluene	11.48	119	488937	11.56	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	263131	10.35	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	261694	10.31	ug/l		99
84) n-Butylbenzene	11.89	91	464961	11.36	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	237670	10.19	ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	17104	10.17	ug/l		99
87) 1,2,4-Trichlorobenzene	13.50	180	165456	10.08	ug/l		99
88) Hexachlorobutadiene	13.69	225	100791	10.04	ug/l		98
89) Naphthalene	13.74	128	279737	10.82	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	161022	10.42	ug/l		99

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

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