Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121418\
Data File : VU028676.D
Acq On : 13 Dec 2018 14:09
Operator : MD/SY
Sample : J6347-15MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
P001-TW001-01MS

Manual Integrations APPROVED
MMDadoda

Quant Time: Dec 14 06:02:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U112618DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Nov 27 01:03:50 2018
Response via : Initial Calibration

12/14/2018 9:32:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	13982	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	5022	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	5416	1.14	ug/l	0.00
Spiked Amount 1.000			Recovery = 114.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	50354	10.011	ug/l	99
3) Chloromethane	1.33	50	78642	9.186	ug/l	99
4) Vinyl Chloride	1.40	62	59806	10.208	ug/l	98
5) Bromomethane	1.60	94	28680	12.425	ug/l	96
6) Chloroethane	1.68	64	34322	10.034	ug/l	100
7) Trichlorofluoromethane	1.88	101	67725	10.584	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	38464	10.451	ug/l	96
9) 1,1-Dichloroethene	2.28	96	34129	10.026	ug/l	96
10) Iodomethane	2.41	142	39921	17.340	ug/l	97
11) Allyl Chloride	2.59	41	84067	9.782	ug/l	100
12) Acrylonitrile	2.94	53	22391	20.649	ug/l	95
13) Acetone	2.32	43	43783	43.571	ug/l	97
14) Carbon Disulfide	2.47	76	127979	9.897	ug/l	98
15) Methylene Chloride	2.70	84	42360	10.205	ug/l	95
16) trans-1,2-Dichloroethene	2.98	96	38231	10.035	ug/l	99
17) 1,1-Dichloroethane	3.44	63	87140	10.260	ug/l	98
18) 2-Butanone	4.28	43	76026	50.632	ug/l	100
19) Cyclohexane	4.98	56	71061	9.638	ug/l	99
20) Methylcyclohexane	6.40	83	66195	9.172	ug/l	96
21) 2,2-Dichloropropane	4.22	77	68165	10.000	ug/l	97
22) cis-1,2-Dichloroethene	4.22	96	43799	9.824	ug/l	97
23) Diethyl Ether	2.10	59	35232	10.324	ug/l	99
24) tert-Butyl Alcohol	2.84	59	34063	99.446	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	103012	10.187	ug/l	99
26) Bromochloromethane	4.54	128	16816	9.895	ug/l	94
27) Chloroform	4.67	83	76581	9.350	ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	63975	10.002	ug/l	99
29) 1,1-Dichloropropene	5.13	75	58453	9.526	ug/l	99
30) Carbon Tetrachloride	5.12	117	49817	9.645	ug/l	99
31) Isopropyl Ether	3.58	45	155640	10.233	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	125949	10.054	ug/l	99
33) Tert-Amyl methyl ether	5.59	73	101253	9.744	ug/l	100
34) Propionitrile	4.33	54	21341	56.577	ug/l #	98
35) Benzene	5.38	78	173804	9.622	ug/l	100
36) 1,2-Dichloroethane	5.40	62	54680	10.121	ug/l	100
37) Trichloroethene	6.18	130	48545	12.339	ug/l	95
38) 1,2-Dichloropropane	6.43	63	50716	9.845	ug/l	94
39) Methacrylonitrile	4.55	41	20299	10.046	ug/l	100
40) Methyl acrylate	4.43	55	28144	10.125	ug/l #	95
41) Tetrahydrofuran	4.66	42	20862	20.542	ug/l	97
42) 1-Chlorobutane	5.06	56	94766	9.716	ug/l	99

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Instrument :
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ClientSampleId :
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Quant Time: Dec 14 06:02:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U112618DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Nov 27 01:03:50 2018
Response via : Initial Calibration

12/14/2018 9:32:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	21855	9.966	ug/l		99
44) Bromodichloromethane	6.76	83	55320	9.554	ug/l		92
45) 4-Methyl-2-Pentanone	7.47	43	178616	50.710	ug/l		100
46) t-1,4-Dichloro-2-butene	10.52	75	25626m	19.891	ug/l		
47) Methyl methacrylate	6.63	69	46305	20.687	ug/l		99
48) Ethyl methacrylate	8.03	69	44287	9.891	ug/l		98
49) Toluene	7.63	92	100074	9.976	ug/l		99
50) t-1,3-Dichloropropene	7.88	75	53986	9.707	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	64636	9.411	ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	32039	10.407	ug/l		98
53) 1,3-Dichloropropane	8.24	76	58628	10.194	ug/l		99
54) 2-Hexanone	8.37	43	126754	50.024	ug/l		99
55) Dibromochloromethane	8.48	129	33514	10.234	ug/l		100
56) 1,2-Dibromoethane	8.59	107	28953	10.324	ug/l		99
58) Tetrachloroethene	8.22	164	33797	9.382	ug/l		97
59) Chlorobenzene	9.12	112	104968	10.055	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	36538	10.329	ug/l		99
61) Pentachloroethane	11.10	117	31106	11.299	ug/l		96
62) Hexachloroethane	12.14	117	29028	11.252	ug/l		97
63) Ethyl Benzene	9.25	91	197120	10.234	ug/l		99
64) m/p-Xylenes	9.37	106	150558	21.599	ug/l		98
65) o-Xylene	9.78	106	71049	10.562	ug/l		99
66) Styrene	9.79	104	126466	10.961	ug/l		99
67) Bromoform	9.96	173	19412	10.577	ug/l		100
69) Isopropylbenzene	10.17	105	186638	10.362	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	44778	10.843	ug/l		97
71) 1,2,3-Trichloropropane	10.49	75	28669	9.958	ug/l	#	95
72) Bromobenzene	10.45	156	43395	10.855	ug/l		97
73) n-propylbenzene	10.58	120	51157	10.951	ug/l		100
74) 2-Chlorotoluene	10.66	126	45267	11.059	ug/l		97
75) 1,3,5-Trimethylbenzene	10.77	105	166845	11.006	ug/l		97
76) 4-Chlorotoluene	10.77	126	46170	11.125	ug/l		100
77) tert-Butylbenzene	11.10	119	157833	11.059	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	173038	11.139	ug/l		100
79) sec-Butylbenzene	11.32	105	216563	10.885	ug/l		100
80) Nitrobenzene	12.86	77	10422	56.018	ug/l		95
81) p-Isopropyltoluene	11.48	119	174837	11.058	ug/l		100
82) 1,3-Dichlorobenzene	11.41	146	90919	11.354	ug/l		98
83) 1,4-Dichlorobenzene	11.50	146	90754	11.386	ug/l		99
84) n-Butylbenzene	11.89	91	182821	11.014	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	86221	11.312	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.65	75	7105	10.695	ug/l		96
87) 1,2,4-Trichlorobenzene	13.50	180	56257	10.499	ug/l		99
88) Hexachlorobutadiene	13.69	225	32104	11.074	ug/l		99
89) Naphthalene	13.74	128	110069	10.394	ug/l		98
90) 1,2,3-Trichlorobenzene	13.98	180	54604	10.808	ug/l		99

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

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