Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121418\
Data File : VU028668.D
Acq On : 13 Dec 2018 10:19
Operator : MD/SY
Sample : VU1214WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1214WBS01

Manual Integrations APPROVED
MMDadoda
12/14/2018 9:32:18 AM

Quant Time: Dec 14 05:45:08 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	14909	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	5231	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	4999	0.98	ug/l		0.00
Spiked Amount 1.000			Recovery = 98.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	11163	2.081	ug/l		99
3) Chloromethane	1.33	50	18025	1.975	ug/l		99
4) Vinyl Chloride	1.40	62	13050	2.089	ug/l		97
5) Bromomethane	1.61	94	5283	2.146	ug/l		97
6) Chloroethane	1.68	64	7281	1.996	ug/l		99
7) Trichlorofluoromethane	1.88	101	14038	2.057	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	8473	2.159	ug/l		97
9) 1,1-Dichloroethene	2.28	96	7641	2.105	ug/l		93
10) Iodomethane	2.40	142	7745	3.155	ug/l		97
11) Allyl Chloride	2.59	41	19076	2.082	ug/l		99
12) Acrylonitrile	2.94	53	5000	4.324	ug/l		93
13) Acetone	2.32	43	10664	9.953	ug/l		97
14) Carbon Disulfide	2.47	76	28065	2.035	ug/l		99
15) Methylene Chloride	2.69	84	9709	2.194	ug/l		90
16) trans-1,2-Dichloroethene	2.98	96	8717	2.146	ug/l		94
17) 1,1-Dichloroethane	3.44	63	19399	2.142	ug/l		98
18) 2-Butanone	4.28	43	17980	11.230	ug/l		99
19) Cyclohexane	4.98	56	16309	2.074	ug/l		96
20) Methylcyclohexane	6.40	83	14471	1.880	ug/l		97
21) 2,2-Dichloropropane	4.22	77	15348	2.112	ug/l		97
22) cis-1,2-Dichloroethene	4.22	96	9631	2.026	ug/l		97
23) Diethyl Ether	2.10	59	7418	2.039	ug/l		93
24) tert-Butyl Alcohol	2.84	59	7627	20.882	ug/l	#	88
25) Methyl tert-Butyl Ether	3.00	73	22328	2.071	ug/l		100
26) Bromochloromethane	4.54	128	3644	2.011	ug/l		95
27) Chloroform	4.67	83	16822	1.926	ug/l		94
28) 1,1,1-Trichloroethane	4.91	97	13565	1.989	ug/l		98
29) 1,1-Dichloropropene	5.13	75	13008	1.988	ug/l		95
30) Carbon Tetrachloride	5.13	117	11102	2.016	ug/l		96
31) Isopropyl Ether	3.58	45	34694	2.139	ug/l		99
32) Ethyl-t-butyl ether	4.08	59	27706	2.074	ug/l		98
33) Tert-Amyl methyl ether	5.58	73	22001	1.986	ug/l		99
34) Propionitrile	4.34	54	4521	11.240	ug/l		96
35) Benzene	5.38	78	38241	1.985	ug/l		98
36) 1,2-Dichloroethane	5.40	62	11560	2.007	ug/l		98
37) Trichloroethene	6.18	130	8407	2.004	ug/l		94
38) 1,2-Dichloropropane	6.43	63	10874	1.980	ug/l		98
39) Methacrylonitrile	4.55	41	4558	2.116	ug/l		93
40) Methyl acrylate	4.42	55	6254	2.110	ug/l	#	95
41) Tetrahydrofuran	4.66	42	4970	4.589	ug/l		89
42) 1-Chlorobutane	5.06	56	20254	1.947	ug/l		95

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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId : VU1214WBS01

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Quant Time: Dec 14 05:45:08 2018
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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	4605	1.969 ug/l		96
44) Bromodichloromethane	6.76	83	11738	1.901 ug/l		90
45) 4-Methyl-2-Pentanone	7.47	43	37314	9.935 ug/l		98
46) t-1,4-Dichloro-2-butene	10.52	75	4558m	3.318 ug/l		
47) Methyl methacrylate	6.63	69	9516	3.987 ug/l		97
48) Ethyl methacrylate	8.03	69	9051	1.896 ug/l		99
49) Toluene	7.63	92	21237	1.985 ug/l		98
50) t-1,3-Dichloropropene	7.88	75	11416	1.925 ug/l		100
51) cis-1,3-Dichloropropene	7.27	75	14425	1.970 ug/l		98
52) 1,1,2-Trichloroethane	8.07	97	6524	1.987 ug/l		97
53) 1,3-Dichloropropane	8.24	76	11607	1.893 ug/l		99
54) 2-Hexanone	8.37	43	25756	9.533 ug/l		99
55) Dibromochloromethane	8.48	129	7146	2.046 ug/l		99
56) 1,2-Dibromoethane	8.59	107	6217	2.079 ug/l		96
58) Tetrachloroethene	8.22	164	7560	1.968 ug/l		97
59) Chlorobenzene	9.12	112	21228	1.907 ug/l		96
60) 1,1,1,2-Tetrachloroethane	9.21	131	7545	2.000 ug/l		98
61) Pentachloroethane	11.10	117	6187	2.108 ug/l		95
62) Hexachloroethane	12.14	117	6063	2.204 ug/l		99
63) Ethyl Benzene	9.25	91	37784	1.840 ug/l		98
64) m/p-Xylenes	9.37	106	28021	3.770 ug/l		99
65) o-Xylene	9.78	106	13356	1.862 ug/l		94
66) Styrene	9.79	104	23437	1.905 ug/l		99
67) Bromoform	9.96	173	3936	2.011 ug/l		99
69) Isopropylbenzene	10.16	105	36918	1.922 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	9285	2.109 ug/l		96
71) 1,2,3-Trichloropropane	10.49	75	6013	1.959 ug/l	#	98
72) Bromobenzene	10.45	156	8360	1.961 ug/l		95
73) n-propylbenzene	10.58	120	9654	1.938 ug/l		99
74) 2-Chlorotoluene	10.66	126	8695	1.992 ug/l		94
75) 1,3,5-Trimethylbenzene	10.77	105	31562	1.953 ug/l		97
76) 4-Chlorotoluene	10.77	126	8737	1.974 ug/l		95
77) tert-Butylbenzene	11.10	119	29215	1.920 ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	31362	1.893 ug/l		99
79) sec-Butylbenzene	11.32	105	40198	1.895 ug/l		100
80) Nitrobenzene	12.86	77	1930	9.729 ug/l	#	87
81) p-Isopropyltoluene	11.48	119	32385	1.921 ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	17135	2.007 ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	16523	1.944 ug/l		97
84) n-Butylbenzene	11.89	91	32370	1.829 ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	16632	2.046 ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1380	1.948 ug/l		95
87) 1,2,4-Trichlorobenzene	13.50	180	10295	1.802 ug/l		98
88) Hexachlorobutadiene	13.69	225	6632	2.145 ug/l		98
89) Naphthalene	13.74	128	18779	1.663 ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	9646	1.790 ug/l		98

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

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