Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121418\
Data File : VU028674.D
Acq On : 13 Dec 2018 13:12
Operator : MD/SY
Sample : VU1214WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1214WBSD01

Manual Integrations APPROVED
MMDadoda
12/14/2018 9:32:23 AM

Quant Time: Dec 14 06:00:45 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	13936	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	4734	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	4607	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	9921	1.979	ug/l		99
3) Chloromethane	1.33	50	16808	1.970	ug/l		99
4) Vinyl Chloride	1.40	62	12002	2.055	ug/l		97
5) Bromomethane	1.61	94	4873	2.118	ug/l		91
6) Chloroethane	1.68	64	6521	1.913	ug/l		98
7) Trichlorofluoromethane	1.88	101	13577	2.129	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	7390	2.015	ug/l		98
9) 1,1-Dichloroethene	2.28	96	7028	2.071	ug/l		95
10) Iodomethane	2.41	142	7521	3.278	ug/l		98
11) Allyl Chloride	2.59	41	16580	1.936	ug/l		99
12) Acrylonitrile	2.94	53	4366	4.040	ug/l		95
13) Acetone	2.32	43	9488	9.473	ug/l		91
14) Carbon Disulfide	2.47	76	25218	1.957	ug/l		99
15) Methylene Chloride	2.70	84	9023	2.181	ug/l		91
16) trans-1,2-Dichloroethene	2.97	96	7845	2.066	ug/l		96
17) 1,1-Dichloroethane	3.44	63	16908	1.997	ug/l		98
18) 2-Butanone	4.28	43	16588	11.084	ug/l		99
19) Cyclohexane	4.98	56	14128	1.922	ug/l		99
20) Methylcyclohexane	6.40	83	13230	1.839	ug/l		97
21) 2,2-Dichloropropane	4.22	77	13757	2.025	ug/l		98
22) cis-1,2-Dichloroethene	4.22	96	8816	1.984	ug/l		98
23) Diethyl Ether	2.10	59	6982	2.053	ug/l		94
24) tert-Butyl Alcohol	2.84	59	6856	20.082	ug/l	#	94
25) Methyl tert-Butyl Ether	3.00	73	20423	2.026	ug/l		94
26) Bromochloromethane	4.54	128	3360	1.984	ug/l		92
27) Chloroform	4.67	83	15801	1.936	ug/l		96
28) 1,1,1-Trichloroethane	4.91	97	12767	2.003	ug/l		98
29) 1,1-Dichloropropene	5.13	75	11636	1.903	ug/l		99
30) Carbon Tetrachloride	5.13	117	9547	1.854	ug/l		93
31) Isopropyl Ether	3.58	45	30711	2.026	ug/l		96
32) Ethyl-t-butyl ether	4.08	59	23964	1.919	ug/l		95
33) Tert-Amyl methyl ether	5.59	73	19830	1.915	ug/l		100
34) Propionitrile	4.34	54	3915	10.413	ug/l	#	97
35) Benzene	5.38	78	34745	1.930	ug/l		99
36) 1,2-Dichloroethane	5.40	62	10658	1.979	ug/l		97
37) Trichloroethene	6.18	130	7221	1.841	ug/l		93
38) 1,2-Dichloropropane	6.43	63	9982	1.944	ug/l		90
39) Methacrylonitrile	4.55	41	4132	2.052	ug/l		99
40) Methyl acrylate	4.43	55	5717	2.063	ug/l	#	94
41) Tetrahydrofuran	4.66	42	4498	4.444	ug/l		93
42) 1-Chlorobutane	5.06	56	17920	1.843	ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121418\
Data File : VU028674.D
Acq On : 13 Dec 2018 13:12
Operator : MD/SY
Sample : VU1214WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU1214WBSD01

Manual Integrations APPROVED
MMDadoda
12/14/2018 9:32:23 AM

Quant Time: Dec 14 06:00:45 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)
43) Dibromomethane	6.56	93	4355	1.993 ug/l		98
44) Bromodichloromethane	6.76	83	10865	1.883 ug/l		96
45) 4-Methyl-2-Pentanone	7.47	43	31984	9.110 ug/l		97
46) t-1,4-Dichloro-2-butene	10.52	75	3198m	2.491 ug/l		
47) Methyl methacrylate	6.63	69	8495	3.808 ug/l		96
48) Ethyl methacrylate	8.02	69	7365	1.650 ug/l		97
49) Toluene	7.63	92	18492	1.849 ug/l		99
50) t-1,3-Dichloropropene	7.88	75	10252	1.849 ug/l		98
51) cis-1,3-Dichloropropene	7.27	75	12282	1.794 ug/l		98
52) 1,1,2-Trichloroethane	8.07	97	6038	1.968 ug/l		94
53) 1,3-Dichloropropane	8.24	76	10846	1.892 ug/l		99
54) 2-Hexanone	8.37	43	23038	9.122 ug/l		93
55) Dibromochloromethane	8.48	129	6374	1.953 ug/l		98
56) 1,2-Dibromoethane	8.59	107	5359	1.917 ug/l		93
58) Tetrachloroethene	8.22	164	7080	1.972 ug/l		95
59) Chlorobenzene	9.12	112	19106	1.836 ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	6946	1.970 ug/l		98
61) Pentachloroethane	11.10	117	5497	2.003 ug/l		99
62) Hexachloroethane	12.14	117	5404	2.102 ug/l		98
63) Ethyl Benzene	9.25	91	32877	1.712 ug/l		98
64) m/p-Xylenes	9.37	106	25103	3.613 ug/l		99
65) o-Xylene	9.78	106	12013	1.792 ug/l		98
66) Styrene	9.79	104	20543	1.786 ug/l		99
67) Bromoform	9.96	173	3493	1.909 ug/l	#	97
69) Isopropylbenzene	10.16	105	31426	1.750 ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.46	83	8245	2.003 ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	4967m	1.731 ug/l		
72) Bromobenzene	10.45	156	7834	1.966 ug/l		93
73) n-propylbenzene	10.58	120	8384	1.801 ug/l		100
74) 2-Chlorotoluene	10.66	126	8325	2.041 ug/l		88
75) 1,3,5-Trimethylbenzene	10.77	105	27411	1.814 ug/l		96
76) 4-Chlorotoluene	10.77	126	8046	1.945 ug/l		94
77) tert-Butylbenzene	11.10	119	26089	1.834 ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	28596	1.847 ug/l		98
79) sec-Butylbenzene	11.32	105	36023	1.817 ug/l		100
80) Nitrobenzene	12.86	77	1621	8.742 ug/l	#	91
81) p-Isopropyltoluene	11.47	119	27751	1.761 ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	16034	2.009 ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	15976	2.011 ug/l		98
84) n-Butylbenzene	11.89	91	28593	1.728 ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	15127	1.991 ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1340	2.024 ug/l		95
87) 1,2,4-Trichlorobenzene	13.50	180	8696	1.628 ug/l		96
88) Hexachlorobutadiene	13.69	225	5727	1.982 ug/l		98
89) Naphthalene	13.74	128	16120	1.527 ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	8788	1.745 ug/l		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121418\
Data File : VU028674.D
Acq On : 13 Dec 2018 13:12
Operator : MD/SY
Sample : VU1214WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 14 06:00:45 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

Instrument :
MSVOA_U
ClientSampleId :
VU1214WBSD01

Manual Integrations APPROVED
MMDadoda
12/14/2018 9:32:23 AM