Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050520\
Data File : VU038014.D
Acq On : 05 May 2020 13:41
Operator : JC/MD
Sample : VU0505WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Manual Integrations APPROVED
apatel
5/6/2020 10:39:34 AM

Quant Time: May 06 01:18:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U050420DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 05 02:20:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	86963	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	31456	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery = 93.00%			
68) 1,2-Dichlorobenzene-d4	12.20	152	30593	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	54671	1.852	ug/l	97
3) Chloromethane	1.54	50	62410	1.786	ug/l	100
4) Vinyl Chloride	1.62	62	64644	1.857	ug/l	98
5) Bromomethane	1.87	94	34416	1.648	ug/l	98
6) Chloroethane	1.95	64	38391	1.846	ug/l	97
7) Trichlorofluoromethane	2.16	101	69833	1.924	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	42727	1.889	ug/l	98
9) 1,1-Dichloroethene	2.60	96	43571	1.918	ug/l	96
10) Iodomethane	2.75	142	24834	2.040	ug/l	98
11) Allyl Chloride	2.95	41	77034	1.828	ug/l	98
12) Acrylonitrile	3.35	53	22558	3.633	ug/l	94
13) Acetone	2.66	43	45484	9.158	ug/l	97
14) Carbon Disulfide	2.82	76	150175	1.811	ug/l	99
15) Methylene Chloride	3.07	84	69935	2.375	ug/l	95
16) trans-1,2-Dichloroethene	3.38	96	46586	1.874	ug/l	96
17) 1,1-Dichloroethane	3.91	63	89334	1.895	ug/l	98
18) 2-Butanone	4.76	43	65293	8.768	ug/l	100
19) Cyclohexane	5.42	56	84775m	1.855	ug/l	
20) Methylcyclohexane	6.79	83	80038	1.786	ug/l	97
21) 2,2-Dichloropropane	4.70	77	69176	1.756	ug/l	98
22) cis-1,2-Dichloroethene	4.71	96	49942	1.901	ug/l	99
23) Diethyl Ether	2.40	59	39544	1.985	ug/l	98
24) tert-Butyl Alcohol	3.23	59	36408	16.470	ug/l	96
25) Methyl tert-Butyl Ether	3.41	73	114166	1.835	ug/l	94
26) Bromochloromethane	5.01	128	18664	1.765	ug/l	96
27) Chloroform	5.12	83	81738	1.849	ug/l	98
28) 1,1,1-Trichloroethane	5.35	97	67254	1.846	ug/l	99
29) 1,1-Dichloropropene	5.56	75	68090	1.857	ug/l	99
30) Carbon Tetrachloride	5.56	117	54357	1.783	ug/l	98
31) Isopropyl Ether	4.04	45	139866	1.803	ug/l	99
32) Ethyl-t-butyl ether	4.55	59	121923	1.741	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	103103	1.708	ug/l	99
34) Propionitrile	4.82	54	18558	8.704	ug/l #	90
35) Benzene	5.81	78	193088	1.882	ug/l	99
36) 1,2-Dichloroethane	5.83	62	58238	1.919	ug/l	98
37) Trichloroethene	6.57	130	50778	1.885	ug/l	100
38) 1,2-Dichloropropane	6.82	63	51094	1.851	ug/l	99
39) Methacrylonitrile	5.02	41	17322	1.734	ug/l	94
40) Methyl acrylate	4.89	55	26598	1.807	ug/l	99
41) Tetrahydrofuran	5.11	42	18202	3.654	ug/l	96
42) 1-Chlorobutane	5.49	56	98237	1.860	ug/l	100

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050520\
Data File : VU038014.D
Acq On : 05 May 2020 13:41
Operator : JC/MD
Sample : VU0505WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0505WBSD01

Manual Integrations APPROVED
apatel
5/6/2020 10:39:34 AM

Quant Time: May 06 01:18:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U050420DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 05 02:20:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.95	93	23366	1.817 ug/l		98
44) Bromodichloromethane	7.13	83	58533	1.812 ug/l		99
45) 4-Methyl-2-Pentanone	7.82	43	155319	8.861 ug/l		99
46) t-1,4-Dichloro-2-butene	10.85	75	18122m	3.343 ug/l		
47) Methyl methacrylate	6.99	69	46196	3.532 ug/l		97
48) Ethyl methacrylate	8.36	69	41825	1.727 ug/l		99
49) Toluene	7.99	92	121674	1.876 ug/l		100
50) t-1,3-Dichloropropene	8.23	75	56561	1.714 ug/l		96
51) cis-1,3-Dichloropropene	7.63	75	68776	1.735 ug/l		99
52) 1,1,2-Trichloroethane	8.43	97	34643	1.902 ug/l		92
53) 1,3-Dichloropropane	8.60	76	63680	1.862 ug/l		98
54) 2-Hexanone	8.71	43	105961	8.564 ug/l		97
55) Dibromochloromethane	8.83	129	34726	1.721 ug/l		100
56) 1,2-Dibromoethane	8.95	107	30555	1.779 ug/l		98
58) Tetrachloroethene	8.57	164	48250	1.919 ug/l		97
59) Chlorobenzene	9.47	112	130630	1.897 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.56	131	36630	1.752 ug/l		100
61) Pentachloroethane	11.44	117	25278	1.614 ug/l		100
62) Hexachloroethane	12.49	117	25168	1.544 ug/l		94
63) Ethyl Benzene	9.59	91	225328	1.839 ug/l		99
64) m/p-Xylenes	9.71	106	171443	3.635 ug/l		99
65) o-Xylene	10.12	106	82916	1.804 ug/l		97
66) Styrene	10.13	104	136696	1.805 ug/l		99
67) Bromoform	10.31	173	17126	1.613 ug/l	#	94
69) Isopropylbenzene	10.50	105	217433	1.811 ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.80	83	42427	1.818 ug/l		98
71) 1,2,3-Trichloropropane	10.84	75	28293m	1.639 ug/l		
72) Bromobenzene	10.80	156	49543	1.848 ug/l		98
73) n-propylbenzene	10.92	120	60366	1.833 ug/l		98
74) 2-Chlorotoluene	11.00	126	50155	1.814 ug/l		96
75) 1,3,5-Trimethylbenzene	11.10	105	179275	1.804 ug/l		100
76) 4-Chlorotoluene	11.11	126	54295	1.891 ug/l		97
77) tert-Butylbenzene	11.44	119	171367	1.812 ug/l		100
78) 1,2,4-Trimethylbenzene	11.48	105	184401	1.802 ug/l		100
79) sec-Butylbenzene	11.66	105	250046	1.846 ug/l		98
80) Nitrobenzene	13.23	77	4521	6.534 ug/l		97
81) p-Isopropyltoluene	11.81	119	196605	1.798 ug/l		100
82) 1,3-Dichlorobenzene	11.76	146	103368	1.862 ug/l		98
83) 1,4-Dichlorobenzene	11.85	146	103173	1.836 ug/l		98
84) n-Butylbenzene	12.22	91	200229	1.834 ug/l		98
85) 1,2-Dichlorobenzene	12.23	146	95057	1.839 ug/l		99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	5613	1.527 ug/l		94
87) 1,2,4-Trichlorobenzene	13.87	180	63576	1.683 ug/l		97
88) Hexachlorobutadiene	14.05	225	28785	1.704 ug/l		99
89) Naphthalene	14.12	128	122625	1.688 ug/l		99
90) 1,2,3-Trichlorobenzene	14.36	180	58835	1.748 ug/l		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050520\
Data File : VU038014.D
Acq On : 05 May 2020 13:41
Operator : JC/MD
Sample : VU0505WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 06 01:18:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U050420DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 05 02:20:02 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Manual Integrations APPROVED
apatel
5/6/2020 10:39:34 AM