Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072219\
Data File : VU033360.D
Acq On : 22 Jul 2019 17:46
Operator : JC/SP
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
7/23/2019 8:54:35 AM

Quant Time: Jul 23 02:11:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.72	96	27182	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.29	95	10753	1.11	ug/l		0.00
Spiked Amount 1.000			Recovery = 111.00%				
68) 1,2-Dichlorobenzene-d4	11.85	152	10250	1.12	ug/l		0.00
Spiked Amount 1.000			Recovery = 112.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	5970	0.492	ug/l		95
3) Chloromethane	1.32	50	6553	0.458	ug/l		98
4) Vinyl Chloride	1.40	62	7609	0.546	ug/l		100
5) Bromomethane	1.62	94	4663	0.659	ug/l		99
6) Chloroethane	1.69	64	4493	0.549	ug/l		95
7) Trichlorofluoromethane	1.88	101	10298	0.628	ug/l		95
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5523	0.680	ug/l		97
9) 1,1-Dichloroethene	2.27	96	5022	0.622	ug/l		93
10) Iodomethane	2.40	142	6290	0.682	ug/l		96
11) Allyl Chloride	2.58	41	8770	0.520	ug/l		99
12) Acrylonitrile	2.92	53	3020	1.252	ug/l		97
13) Acetone	2.31	43	7301	3.363	ug/l		99
14) Carbon Disulfide	2.46	76	20686	0.670	ug/l		99
15) Methylene Chloride	2.68	84	8913	0.870	ug/l		94
16) trans-1,2-Dichloroethene	2.96	96	6391	0.705	ug/l		84
17) 1,1-Dichloroethane	3.42	63	8546	0.483	ug/l		98
18) 2-Butanone	4.26	43	4874m	1.803	ug/l		
19) Cyclohexane	4.97	56	5648m	0.420	ug/l		
20) Methylcyclohexane	6.40	83	5526	0.495	ug/l		97
21) 2,2-Dichloropropane	4.20	77	7961	0.607	ug/l	#	87
22) cis-1,2-Dichloroethene	4.20	96	4600	0.499	ug/l		94
23) Diethyl Ether	2.09	59	4321	0.568	ug/l		95
24) tert-Butyl Alcohol	2.82	59	9269	11.216	ug/l	#	91
25) Methyl tert-Butyl Ether	2.98	73	14267	0.609	ug/l	#	91
26) Bromochloromethane	4.52	128	1944	0.497	ug/l		98
27) Chloroform	4.65	83	10923	0.654	ug/l		93
28) 1,1,1-Trichloroethane	4.89	97	7190	0.509	ug/l		98
29) 1,1-Dichloropropene	5.11	75	5925	0.523	ug/l		97
30) Carbon Tetrachloride	5.11	117	6333	0.524	ug/l		90
31) Isopropyl Ether	3.56	45	10131	0.392	ug/l		96
32) Ethyl-t-butyl ether	4.04	59	9594	0.448	ug/l		95
33) Tert-Amyl methyl ether	5.57	73	7348	0.423	ug/l	#	87
34) Propionitrile	4.32	54	1247	1.693	ug/l	#	65
35) Benzene	5.37	78	16788	0.485	ug/l		98
36) 1,2-Dichloroethane	5.39	62	5410	0.476	ug/l	#	88
37) Trichloroethene	6.17	130	4464	0.519	ug/l		98
38) 1,2-Dichloropropane	6.41	63	4542	0.466	ug/l		98
39) Methacrylonitrile	4.53	41	1169m	0.388	ug/l		
40) Methyl acrylate	4.42	55	1606m	0.402	ug/l		
41) Tetrahydrofuran	4.64	42	1053	0.633	ug/l	#	87
42) 1-Chlorobutane	5.04	56	7596	0.449	ug/l		93

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072219\
Data File : VU033360.D
Acq On : 22 Jul 2019 17:46
Operator : JC/SP
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
7/23/2019 8:54:35 AM

Quant Time: Jul 23 02:11:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.55	93	2397	0.489 ug/l		95
44) Bromodichloromethane	6.74	83	6323	0.524 ug/l		98
45) 4-Methyl-2-Pentanone	7.45	43	10329	1.813 ug/l		96
46) t-1,4-Dichloro-2-butene	10.51	75	1545m	0.837 ug/l		
47) Methyl methacrylate	6.61	69	3225	0.861 ug/l	#	94
48) Ethyl methacrylate	8.01	69	2576	0.395 ug/l		99
49) Toluene	7.62	92	8080	0.443 ug/l		85
50) t-1,3-Dichloropropene	7.87	75	4423	0.462 ug/l		92
51) cis-1,3-Dichloropropene	7.25	75	5893	0.510 ug/l		96
52) 1,1,2-Trichloroethane	8.05	97	3326	0.517 ug/l		94
53) 1,3-Dichloropropane	8.23	76	5245	0.471 ug/l		98
54) 2-Hexanone	8.36	43	7324	1.898 ug/l		91
55) Dibromochloromethane	8.46	129	3955	0.544 ug/l		100
56) 1,2-Dibromoethane	8.57	107	2985	0.518 ug/l		96
58) Tetrachloroethene	8.21	164	4053	0.491 ug/l		92
59) Chlorobenzene	9.11	112	9935	0.511 ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.19	131	4116	0.546 ug/l		96
61) Pentachloroethane	11.09	117	3568	0.648 ug/l		91
62) Hexachloroethane	12.13	117	3410	0.634 ug/l		89
63) Ethyl Benzene	9.23	91	14993	0.474 ug/l		96
64) m/p-Xylenes	9.36	106	11415	0.955 ug/l		95
65) o-Xylene	9.76	106	6018	0.517 ug/l		91
66) Styrene	9.78	104	8777	0.454 ug/l		97
67) Bromoform	9.95	173	1835	0.452 ug/l	#	93
69) Isopropylbenzene	10.15	105	14432	0.476 ug/l		94
70) 1,1,2,2-Tetrachloroethane	10.44	83	4337	0.522 ug/l	#	99
71) 1,2,3-Trichloropropane	10.48	75	3640m	0.600 ug/l		
72) Bromobenzene	10.44	156	4081	0.527 ug/l		91
73) n-propylbenzene	10.57	120	3910	0.490 ug/l		82
74) 2-Chlorotoluene	10.65	126	3683	0.487 ug/l		97
75) 1,3,5-Trimethylbenzene	10.76	105	12013	0.460 ug/l		97
76) 4-Chlorotoluene	10.76	126	3893	0.523 ug/l		93
77) tert-Butylbenzene	11.09	119	12707	0.518 ug/l		95
78) 1,2,4-Trimethylbenzene	11.13	105	12271	0.464 ug/l		96
79) sec-Butylbenzene	11.31	105	16272	0.486 ug/l		100
81) p-Isopropyltoluene	11.46	119	12958	0.490 ug/l		96
82) 1,3-Dichlorobenzene	11.40	146	9234	0.596 ug/l		97
83) 1,4-Dichlorobenzene	11.49	146	8657	0.579 ug/l		99
84) n-Butylbenzene	11.88	91	13950	0.545 ug/l		95
85) 1,2-Dichlorobenzene	11.87	146	8429	0.571 ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.65	75	603	0.499 ug/l		81
87) 1,2,4-Trichlorobenzene	13.49	180	4630	0.604 ug/l		98
88) Hexachlorobutadiene	13.68	225	3401	0.632 ug/l		94
89) Naphthalene	13.73	128	6313	0.470 ug/l	#	93
90) 1,2,3-Trichlorobenzene	13.98	180	4256	0.546 ug/l		93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072219\
Data File : VU033360.D
Acq On : 22 Jul 2019 17:46
Operator : JC/SP
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 02:11:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
7/23/2019 8:54:35 AM