Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020619\
Data File : VU029356.D
Acq On : 06 Feb 2019 10:43
Operator : JC/SP
Sample : VU0206WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK51

Quant Time: Feb 08 12:17:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	51845	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	19720	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	19353	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	193	0.010	ug/l	#	43
3) Chloromethane	1.33	50	592	0.033	ug/l	#	51
4) Vinyl Chloride	1.42	62	71	0.003	ug/l		96
5) Bromomethane	1.62	94	328	0.028	ug/l		90
6) Chloroethane	1.53	64	360	0.030	ug/l		99
7) Trichlorofluoromethane	1.88	101	216	0.007	ug/l	#	56
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	138	0.009	ug/l	#	69
9) 1,1-Dichloroethene	2.30	96	372	0.025	ug/l		1
11) Allyl Chloride	2.77	41	650	0.026	ug/l		96
14) Carbon Disulfide	2.48	76	2432	0.046	ug/l	#	88
16) trans-1,2-Dichloroethene	2.98	96	226	0.014	ug/l	#	35
17) 1,1-Dichloroethane	3.45	63	162	0.006	ug/l	#	93
19) Cyclohexane	5.00	56	190	0.008	ug/l	#	3
20) Methylcyclohexane	6.18	83	127	0.005	ug/l		91
21) 2,2-Dichloropropane	4.06	77	353	0.014	ug/l		99
22) cis-1,2-Dichloroethene	4.22	96	40	0.003	ug/l	#	1
23) Diethyl Ether	2.11	59	411	0.034	ug/l	#	58
25) Methyl tert-Butyl Ether	3.01	73	369	0.009	ug/l	#	47
26) Bromochloromethane	4.54	128	42	0.006	ug/l	#	1
27) Chloroform	4.68	83	206	0.008	ug/l		84
28) 1,1,1-Trichloroethane	4.92	97	321	0.013	ug/l	#	22
29) 1,1-Dichloropropene	5.14	75	100	0.005	ug/l	#	1
30) Carbon Tetrachloride	5.13	117	46	0.002	ug/l	#	85
31) Isopropyl Ether	3.61	45	56	0.001	ug/l	#	1
32) Ethyl-t-butyl ether	4.23	59	241	0.006	ug/l	#	36
33) Tert-Amyl methyl ether	5.57	73	333	0.009	ug/l	#	62
35) Benzene	5.40	78	507	0.009	ug/l	#	14
37) Trichloroethene	6.19	130	108	0.007	ug/l	#	1
39) Methacrylonitrile	4.55	41	50	0.010	ug/l	#	1
40) Methyl acrylate	4.43	55	159	0.022	ug/l	#	43
42) 1-Chlorobutane	5.05	56	257	0.009	ug/l		86
43) Dibromomethane	6.57	93	68	0.009	ug/l	#	1
44) Bromodichloromethane	6.77	83	81	0.004	ug/l	#	27
47) Methyl methacrylate	6.62	69	122	0.017	ug/l	#	1
48) Ethyl methacrylate	8.00	69	71	0.005	ug/l		72
49) Toluene	7.65	92	428	0.012	ug/l	#	74
50) t-1,3-Dichloropropene	7.89	75	61	0.003	ug/l	#	45
52) 1,1,2-Trichloroethane	8.03	97	44	0.004	ug/l	#	5
53) 1,3-Dichloropropane	8.00	76	61	0.003	ug/l	#	1
56) 1,2-Dibromoethane	8.59	107	20	0.002	ug/l	#	1
58) Tetrachloroethene	8.23	164	236	0.015	ug/l	#	75

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020619\
Data File : VU029356.D
Acq On : 06 Feb 2019 10:43
Operator : JC/SP
Sample : VU0206WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK51

Quant Time: Feb 08 12:17:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) Chlorobenzene	9.13	112	755	0.018	ug/l	#	42
61) Pentachloroethane	11.11	117	19	0.002	ug/l	#	8
63) Ethyl Benzene	9.25	91	1380	0.019	ug/l		100
64) m/p-Xylenes	9.38	106	654	0.023	ug/l		87
65) o-Xylene	9.79	106	247	0.009	ug/l		62
66) Styrene	9.80	104	652	0.014	ug/l	#	42
69) Isopropylbenzene	10.17	105	911	0.012	ug/l	#	70
70) 1,1,2,2-Tetrachloroethane	10.46	83	282	0.021	ug/l	#	84
72) Bromobenzene	10.45	156	325	0.018	ug/l		54
73) n-propylbenzene	10.78	120	382	0.019	ug/l		66
74) 2-Chlorotoluene	10.67	126	305	0.018	ug/l		93
75) 1,3,5-Trimethylbenzene	10.78	105	1127	0.018	ug/l	#	81
76) 4-Chlorotoluene	10.78	126	407	0.023	ug/l		94
77) tert-Butylbenzene	11.10	119	809	0.013	ug/l	#	79
78) 1,2,4-Trimethylbenzene	11.15	105	1593	0.025	ug/l		87
79) sec-Butylbenzene	11.33	105	1609	0.020	ug/l	#	85
81) p-Isopropyltoluene	11.48	119	1672	0.024	ug/l	#	88
82) 1,3-Dichlorobenzene	11.42	146	1090	0.031	ug/l		90
83) 1,4-Dichlorobenzene	11.51	146	1410	0.041	ug/l	#	89
84) n-Butylbenzene	11.89	91	3182	0.050	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	880	0.027	ug/l	#	50
86) 1,2-Dibromo-3-Chloropropan	12.48	75	42	0.017	ug/l	#	11
87) 1,2,4-Trichlorobenzene	13.51	180	2023	0.088	ug/l		100
88) Hexachlorobutadiene	13.69	225	555	0.041	ug/l	#	84

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020619\
Data File : VU029356.D
Acq On : 06 Feb 2019 10:43
Operator : JC/SP
Sample : VU0206WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Quant Time: Feb 08 12:17:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration