Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102318\
Data File : VU027768.D
Acq On : 23 Oct 2018 17:45
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED

Quant Time: Oct 24 08:03:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 09:12:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	11522	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	4774	1.09	ug/l		0.00
Spiked Amount 1.000			Recovery = 109.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	4243	1.03	ug/l		0.00
Spiked Amount 1.000			Recovery = 103.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	48686	10.641	ug/l		97
3) Chloromethane	1.33	50	49622	10.145	ug/l		98
4) Vinyl Chloride	1.40	62	46021	10.078	ug/l		98
5) Bromomethane	1.63	94	24553	10.221	ug/l		98
6) Chloroethane	1.70	64	25682	10.372	ug/l		99
7) Trichlorofluoromethane	1.89	101	59900	10.763	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	31201	10.660	ug/l		98
9) 1,1-Dichloroethene	2.29	96	27166	10.571	ug/l		96
10) Iodomethane	2.41	142	39836	11.534	ug/l		100
11) Allyl Chloride	2.59	41	63921	10.507	ug/l		99
12) Acrylonitrile	2.95	53	14772	18.859	ug/l		98
13) Acetone	2.34	43	34926	48.859	ug/l		97
14) Carbon Disulfide	2.48	76	96345	10.071	ug/l		100
15) Methylene Chloride	2.70	84	30990	9.569	ug/l		98
16) trans-1,2-Dichloroethene	2.98	96	30682	10.725	ug/l		97
17) 1,1-Dichloroethane	3.45	63	64473	10.213	ug/l		99
18) 2-Butanone	4.29	43	58237	49.069	ug/l		99
19) Cyclohexane	4.99	56	57301	10.125	ug/l		100
20) Methylcyclohexane	6.41	83	61115	10.650	ug/l		100
21) 2,2-Dichloropropane	4.23	77	59154	10.613	ug/l		100
22) cis-1,2-Dichloroethene	4.23	96	35411	10.339	ug/l		98
23) Diethyl Ether	2.11	59	25038	10.246	ug/l		99
24) tert-Butyl Alcohol	2.86	59	28613	109.768	ug/l	#	85
25) Methyl tert-Butyl Ether	3.01	73	85413	10.438	ug/l		98
26) Bromochloromethane	4.55	128	14276	10.391	ug/l		100
27) Chloroform	4.68	83	65129	10.596	ug/l		99
28) 1,1,1-Trichloroethane	4.92	97	58430	10.678	ug/l		99
29) 1,1-Dichloropropene	5.14	75	50653	10.600	ug/l		99
30) Carbon Tetrachloride	5.13	117	51821	10.600	ug/l		98
31) Isopropyl Ether	3.58	45	117847	10.364	ug/l		98
32) Ethyl-t-butyl ether	4.08	59	104745	10.383	ug/l		100
33) Tert-Amyl methyl ether	5.59	73	89249	10.423	ug/l		99
34) Propionitrile	4.35	54	15442	54.569	ug/l		98
35) Benzene	5.39	78	139643	10.457	ug/l		99
36) 1,2-Dichloroethane	5.41	62	46771	10.524	ug/l		99
37) Trichloroethene	6.19	130	34212	10.385	ug/l		98
38) 1,2-Dichloropropane	6.44	63	39401	10.507	ug/l		99
39) Methacrylonitrile	4.56	41	16248	10.397	ug/l		98
40) Methyl acrylate	4.43	55	21210	10.419	ug/l		99
41) Tetrahydrofuran	4.66	42	16593	19.216	ug/l		99
42) 1-Chlorobutane	5.07	56	77864	10.328	ug/l		97

sam

10/24/2018 2:19:50 PM

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102318\
Data File : VU027768.D
Acq On : 23 Oct 2018 17:45
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED

Quant Time: Oct 24 08:03:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 09:12:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	18701	10.969	ug/l		98
44) Bromodichloromethane	6.76	83	49574	10.711	ug/l		99
45) 4-Methyl-2-Pentanone	7.47	43	147604	53.336	ug/l		99
46) t-1,4-Dichloro-2-butene	10.52	75	21406m	21.455	ug/l		
47) Methyl methacrylate	6.63	69	38595	21.467	ug/l		98
48) Ethyl methacrylate	8.02	69	40848	10.931	ug/l		99
49) Toluene	7.64	92	85344	10.771	ug/l		100
50) t-1,3-Dichloropropene	7.88	75	50494	10.948	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	57916	10.659	ug/l		99
52) 1,1,2-Trichloroethane	8.07	97	25170	10.930	ug/l		98
53) 1,3-Dichloropropane	8.24	76	47127	10.653	ug/l		99
54) 2-Hexanone	8.37	43	107201	54.360	ug/l		98
55) Dibromochloromethane	8.48	129	31478	10.874	ug/l		99
56) 1,2-Dibromoethane	8.59	107	24591	10.877	ug/l		99
58) Tetrachloroethene	8.23	164	32437	10.439	ug/l		99
59) Chlorobenzene	9.12	112	90934	10.708	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	33810	10.953	ug/l		99
61) Pentachloroethane	11.10	117	26094	11.333	ug/l		99
62) Hexachloroethane	12.15	117	28201	11.150	ug/l		99
63) Ethyl Benzene	9.25	91	175532	10.913	ug/l		99
64) m/p-Xylenes	9.38	106	123823	21.574	ug/l		99
65) o-Xylene	9.78	106	60144	10.569	ug/l		97
66) Styrene	9.79	104	103009	10.970	ug/l		100
67) Bromoform	9.96	173	18293	10.919	ug/l		98
69) Isopropylbenzene	10.17	105	167456	10.749	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.46	83	32953	10.766	ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	24917m	10.476	ug/l		
72) Bromobenzene	10.45	156	38456	11.078	ug/l		100
73) n-propylbenzene	10.59	120	44163	10.992	ug/l		95
74) 2-Chlorotoluene	10.66	126	37428	10.878	ug/l		96
75) 1,3,5-Trimethylbenzene	10.77	105	142149	10.935	ug/l		99
76) 4-Chlorotoluene	10.77	126	39391	11.298	ug/l		97
77) tert-Butylbenzene	11.10	119	139466	10.908	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	149032	11.159	ug/l		99
79) sec-Butylbenzene	11.32	105	187086	11.049	ug/l		100
80) Nitrobenzene	12.86	77	6084	53.779	ug/l	#	98
81) p-Isopropyltoluene	11.48	119	154655	11.175	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	76024	11.068	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	75125	10.916	ug/l		99
84) n-Butylbenzene	11.89	91	157803	11.738	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	71320	10.882	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	6003	10.559	ug/l		96
87) 1,2,4-Trichlorobenzene	13.50	180	54968	11.542	ug/l		99
88) Hexachlorobutadiene	13.69	225	32079	11.230	ug/l		99
89) Naphthalene	13.74	128	99158	11.087	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	50446	11.132	ug/l		100

sam

10/24/2018 2:19:50 PM

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102318\
Data File : VU027768.D
Acq On : 23 Oct 2018 17:45
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 24 08:03:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 09:12:15 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED