Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012220\
Data File : VU036528.D
Acq On : 22 Jan 2020 16:13
Operator : JC/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICCC010

Manual Integrations APPROVED

Quant Time: Jan 22 22:29:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 22 22:08:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) Fluorobenzene	6.15	96	36959	1.00	ug/l	0.00	apatel
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.66	95	13720	0.94	ug/l	0.00	1/23/2020 3:21:50 PM
Spiked Amount 1.000			Recovery = 94.00%				
68) 1,2-Dichlorobenzene-d4	12.21	152	13589	1.06	ug/l	0.00	
Spiked Amount 1.000			Recovery = 106.00%				
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.39	85	121609	11.501	ug/l	100	
3) Chloromethane	1.54	50	126242	9.226	ug/l	100	
4) Vinyl Chloride	1.62	62	147023	9.358	ug/l	100	
5) Bromomethane	1.87	94	81482	9.767	ug/l	100	
6) Chloroethane	1.95	64	78303	8.539	ug/l	100	
7) Trichlorofluoromethane	2.16	101	142814	7.827	ug/l	100	
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	89371	9.358	ug/l	100	
9) 1,1-Dichloroethene	2.61	96	94328	9.683	ug/l	100	
10) Iodomethane	2.75	142	124874	10.705	ug/l	100	
11) Allyl Chloride	2.95	41	131746	6.898	ug/l	100	
12) Acrylonitrile	3.37	53	45909	16.799	ug/l	100	
13) Acetone	2.67	43	79131	24.147	ug/l	100	
14) Carbon Disulfide	2.82	76	330238	9.078	ug/l	100	
15) Methylene Chloride	3.08	84	108032	8.418	ug/l	100	
16) trans-1,2-Dichloroethene	3.39	96	104758	9.616	ug/l	100	
17) 1,1-Dichloroethane	3.91	63	172252	8.846	ug/l	100	
18) 2-Butanone	4.78	43	122885	34.818	ug/l	100	
19) Cyclohexane	5.42	56	157959m	8.348	ug/l		
20) Methylcyclohexane	6.80	83	179049	9.541	ug/l	100	
21) 2,2-Dichloropropane	4.71	77	148151	8.414	ug/l	100	
22) cis-1,2-Dichloroethene	4.71	96	109144	9.887	ug/l	100	
23) Diethyl Ether	2.41	59	74175	8.733	ug/l	100	
24) tert-Butyl Alcohol	3.28	59	65190	74.181	ug/l	100	
25) Methyl tert-Butyl Ether	3.42	73	251945	8.453	ug/l	100	
26) Bromochloromethane	5.02	128	47216	10.673	ug/l	100	
27) Chloroform	5.13	83	171059	8.824	ug/l	100	
28) 1,1,1-Trichloroethane	5.36	97	144159	8.399	ug/l	100	
29) 1,1-Dichloropropene	5.57	75	139821	8.916	ug/l	100	
30) Carbon Tetrachloride	5.56	117	123985	8.589	ug/l	100	
31) Isopropyl Ether	4.05	45	262107	8.000	ug/l	100	
32) Ethyl-t-butyl ether	4.56	59	275863	8.607	ug/l	100	
33) Tert-Amyl methyl ether	5.99	73	250433	8.598	ug/l	100	
34) Propionitrile	4.85	54	39727	45.123	ug/l	100	
35) Benzene	5.81	78	402420	9.177	ug/l	100	
36) 1,2-Dichloroethane	5.84	62	110213	7.847	ug/l	100	
37) Trichloroethene	6.58	130	111781	10.498	ug/l	100	
38) 1,2-Dichloropropane	6.83	63	101213	8.790	ug/l	100	
39) Methacrylonitrile	5.03	41	31003	7.432	ug/l	100	
40) Methyl acrylate	4.90	55	53843	8.699	ug/l	100	
41) Tetrahydrofuran	5.12	42	32947	15.231	ug/l	100	
42) 1-Chlorobutane	5.50	56	181717	7.999	ug/l	100	

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012220\
Data File : VU036528.D
Acq On : 22 Jan 2020 16:13
Operator : JC/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICCC010

Manual Integrations APPROVED

Quant Time: Jan 22 22:29:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 22 22:08:37 2020
Response via : Initial Calibration

apatel

1/23/2020 3:21:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	53747	9.088	ug/l	100
44) Bromodichloromethane	7.14	83	126972	8.340	ug/l	100
45) 4-Methyl-2-Pentanone	7.84	43	299196	36.579	ug/l	100
46) t-1,4-Dichloro-2-butene	10.86	75	64660m	19.476	ug/l	
47) Methyl methacrylate	7.00	69	104299	18.492	ug/l	100
48) Ethyl methacrylate	8.37	69	103406	9.276	ug/l	100
49) Toluene	8.00	92	255398	9.390	ug/l	100
50) t-1,3-Dichloropropene	8.24	75	131390	8.795	ug/l	100
51) cis-1,3-Dichloropropene	7.64	75	157231	9.106	ug/l	100
52) 1,1,2-Trichloroethane	8.43	97	76090	9.702	ug/l	100
53) 1,3-Dichloropropane	8.61	76	130549	8.920	ug/l	100
54) 2-Hexanone	8.72	43	213884	37.981	ug/l	100
55) Dibromochloromethane	8.84	129	88590	9.645	ug/l	100
56) 1,2-Dibromoethane	8.95	107	73117	9.486	ug/l	100
58) Tetrachloroethene	8.58	164	107561	12.229	ug/l	100
59) Chlorobenzene	9.47	112	285596	9.948	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	93489	9.616	ug/l	100
61) Pentachloroethane	11.45	117	62984	7.875	ug/l	100
62) Hexachloroethane	12.50	117	77744	9.257	ug/l	100
63) Ethyl Benzene	9.60	91	482685	9.245	ug/l	100
64) m/p-Xylenes	9.72	106	381259	19.749	ug/l	100
65) o-Xylene	10.12	106	185459	9.842	ug/l	100
66) Styrene	10.14	104	311499	10.017	ug/l	100
67) Bromoform	10.32	173	52035	11.443	ug/l	100
69) Isopropylbenzene	10.51	105	485940	9.594	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	95572	9.046	ug/l	100
71) 1,2,3-Trichloropropane	10.86	75	64027m	7.944	ug/l	
72) Bromobenzene	10.81	156	117881	10.995	ug/l	100
73) n-propylbenzene	10.93	120	140613	10.352	ug/l	100
74) 2-Chlorotoluene	11.01	126	115825	9.944	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	412976	9.607	ug/l	100
76) 4-Chlorotoluene	11.12	126	121916	10.163	ug/l	100
77) tert-Butylbenzene	11.44	119	391187	9.499	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	424596	9.536	ug/l	100
79) sec-Butylbenzene	11.66	105	542049	9.484	ug/l	100
80) Nitrobenzene	13.23	77	8489	45.816	ug/l	100
81) p-Isopropyltoluene	11.81	119	455727	9.998	ug/l	100
82) 1,3-Dichlorobenzene	11.77	146	232899	10.367	ug/l	100
83) 1,4-Dichlorobenzene	11.86	146	231513	10.407	ug/l	100
84) n-Butylbenzene	12.23	91	432124	9.008	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	218580	10.283	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	15577	8.113	ug/l	100
87) 1,2,4-Trichlorobenzene	13.86	180	157160	11.644	ug/l	100
88) Hexachlorobutadiene	14.04	225	77596	12.245	ug/l	100
89) Naphthalene	14.10	128	283329	10.581	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	142679	11.509	ug/l	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012220\
Data File : VU036528.D
Acq On : 22 Jan 2020 16:13
Operator : JC/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 22 22:29:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 22 22:08:37 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED