Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047841.D
Acq On : 06 Apr 2022 20:44
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Quant Time: Apr 07 06:40:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 06:19:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	50964	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	19215	1.043	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	23184	1.042	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	179680	9.899	ug/l	100
3) Chloromethane	1.527	50	192447	9.472	ug/l	99
4) Vinyl Chloride	1.607	62	179085	9.959	ug/l	100
5) Bromomethane	1.861	94	104538	9.203	ug/l	99
6) Chloroethane	1.938	64	105693	9.460	ug/l	100
7) Trichlorofluoromethane	2.144	101	230541	9.598	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	132413	9.548	ug/l	99
9) 1,1-Dichloroethene	2.584	96	130029	9.435	ug/l	98
10) Iodomethane	2.726	142	111030	11.757	ug/l	99
11) Allyl Chloride	2.928	41	177157	9.373	ug/l	100
12) Acrylonitrile	3.327	53	62766	18.097	ug/l	99
13) Acetone	2.642	43	106787	38.780	ug/l	97
14) Carbon Disulfide	2.797	76	396956	9.108	ug/l	100
15) Methylene Chloride	3.051	84	167537	10.384	ug/l	98
16) trans-1,2-Dichloroethene	3.356	96	139811	9.268	ug/l	98
17) 1,1-Dichloroethane	3.874	63	238082	9.613	ug/l	100
18) 2-Butanone	4.723	43	177003	48.230	ug/l	98
19) Cyclohexane	5.391	56	195690m	10.442	ug/l	
20) Methylcyclohexane	6.764	83	216661	10.368	ug/l	99
21) 2,2-Dichloropropane	4.668	77	188978	9.301	ug/l	100
22) cis-1,2-Dichloroethene	4.671	96	159097	10.242	ug/l	99
23) Diethyl Ether	2.382	59	100874	9.817	ug/l	98
24) tert-Butyl Alcohol	3.234	59	84433	73.865	ug/l	97
25) Methyl tert-Butyl Ether	3.372	73	324736	9.470	ug/l	99
26) Bromochloromethane	4.980	128	77028	9.967	ug/l	99
27) Chloroform	5.092	83	263691	10.016	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	221530	9.946	ug/l	98
29) 1,1-Dichloropropene	5.530	75	191954	10.194	ug/l	99
30) Carbon Tetrachloride	5.526	117	195154	10.071	ug/l	99
31) Isopropyl Ether	4.002	45	337031	9.827	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	337458	10.151	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	316869	10.536	ug/l	99
34) Propionitrile	4.796	54	51549	43.612	ug/l	98
35) Benzene	5.777	78	567489	10.089	ug/l	99
36) 1,2-Dichloroethane	5.800	62	167121	10.093	ug/l	100
37) Trichloroethene	6.546	130	162105	9.930	ug/l	99
38) 1,2-Dichloropropane	6.793	63	146636	10.248	ug/l	100
39) Methacrylonitrile	4.983	41	42574	10.119	ug/l	96
40) Methyl acrylate	4.854	55	71345	10.387	ug/l	99
41) Tetrahydrofuran	5.070	42	44097	18.585	ug/l	98
42) 1-Chlorobutane	5.462	56	252944	10.414	ug/l	98
43) Dibromomethane	6.922	93	82096	9.992	ug/l	98
44) Bromodichloromethane	7.108	83	192639	10.136	ug/l	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047841.D
Acq On : 06 Apr 2022 20:44
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Quant Time: Apr 07 06:40:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 06:19:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	453142	53.760	ug/l	99
46) t-1,4-Dichloro-2-butene	10.835	75	79754m	20.032	ug/l	
47) Methyl methacrylate	6.967	69	144418	21.922	ug/l	99
48) Ethyl methacrylate	8.337	69	133830	11.030	ug/l	99
49) Toluene	7.970	92	367675	10.740	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	173630	10.340	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	198984	10.299	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	118334	10.192	ug/l	99
53) 1,3-Dichloropropane	8.578	76	193457	10.163	ug/l	100
54) 2-Hexanone	8.690	43	324742	53.582	ug/l	99
55) Dibromochloromethane	8.812	129	141777	10.240	ug/l	100
56) 1,2-Dibromoethane	8.925	107	112966	10.188	ug/l	98
58) Tetrachloroethene	8.555	164	147471	10.077	ug/l	98
59) Chlorobenzene	9.449	112	408355	10.135	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	148451	10.383	ug/l	100
61) Pentachloroethane	11.430	117	119691	10.050	ug/l	99
62) Hexachloroethane	12.478	117	113766	10.477	ug/l	99
63) Ethyl Benzene	9.571	91	677692	10.907	ug/l	99
64) m/p-Xylenes	9.697	106	554548	22.417	ug/l	100
65) o-Xylene	10.102	106	261498	11.064	ug/l	98
66) Styrene	10.115	104	453165	11.323	ug/l	99
67) Bromoform	10.291	173	91368	10.381	ug/l	100
69) Isopropylbenzene	10.484	105	682831	11.038	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	152194	10.149	ug/l	100
71) 1,2,3-Trichloropropane	10.828	75	119195m	10.459	ug/l	
72) Bromobenzene	10.783	156	191311	10.306	ug/l	99
73) n-propylbenzene	10.906	120	198213	11.224	ug/l	100
74) 2-Chlorotoluene	10.986	126	178707	10.701	ug/l	100
75) 1,3,5-Trimethylbenzene	11.089	105	591252	11.261	ug/l	100
76) 4-Chlorotoluene	11.098	126	190740	10.808	ug/l	99
77) tert-Butylbenzene	11.423	119	585847	11.001	ug/l	99
78) 1,2,4-Trimethylbenzene	11.468	105	607722	11.291	ug/l	99
79) sec-Butylbenzene	11.645	105	766981	11.007	ug/l	100
80) Nitrobenzene	13.208	77	29150	51.333	ug/l	97
81) p-Isopropyltoluene	11.793	119	653956	11.214	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	375738	10.085	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	376775	10.104	ug/l	99
84) n-Butylbenzene	12.211	91	600007	10.788	ug/l	100
85) 1,2-Dichlorobenzene	12.214	146	364260	10.299	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	23457	9.823	ug/l	95
87) 1,2,4-Trichlorobenzene	13.841	180	258980	10.069	ug/l	99
88) Hexachlorobutadiene	14.021	225	152795	10.018	ug/l	99
89) Naphthalene	14.089	128	432945	9.010	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	249448	10.458	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047841.D
Acq On : 06 Apr 2022 20:44
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Quant Time: Apr 07 06:40:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 06:19:08 2022
Response via : Initial Calibration