Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072121\
Data File : VU044378.D
Acq On : 21 Jul 2021 12:23
Operator : SY/MD
Sample : VU0721WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0721WBSD01

Manual Integrations APPROVED
MMDadoda
7/27/2021 9:02:18 AM

Quant Time: Jul 22 05:01:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	49622	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	19606	0.979	ug/l	0.00
Spiked Amount 1.000			Recovery =	98.000%		
68) 1,2-Dichlorobenzene-d4	12.201	152	18927	0.969	ug/l	0.00
Spiked Amount 1.000			Recovery =	97.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	28978	1.673	ug/l	99
3) Chloromethane	1.523	50	32838	1.743	ug/l	99
4) Vinyl Chloride	1.610	62	34996	1.840	ug/l	99
5) Bromomethane	1.861	94	19387	1.912	ug/l	93
6) Chloroethane	1.938	64	20563	1.777	ug/l	100
7) Trichlorofluoromethane	2.144	101	39023	1.898	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	24041	1.851	ug/l	98
9) 1,1-Dichloroethene	2.588	96	23630	1.865	ug/l	93
10) Iodomethane	2.729	142	30769	1.855	ug/l	90
11) Allyl Chloride	2.932	41	38396	1.840	ug/l	84
12) Acrylonitrile	3.330	53	9448	3.253	ug/l	99
13) Acetone	2.636	43	14488	10.003	ug/l	93
14) Carbon Disulfide	2.800	76	74261	1.770	ug/l	98
15) Methylene Chloride	3.054	84	56788	3.158	ug/l	95
16) trans-1,2-Dichloroethene	3.359	96	26163	1.851	ug/l	98
17) 1,1-Dichloroethane	3.880	63	50016	1.900	ug/l	99
18) 2-Butanone	4.732	43	27904	8.984	ug/l	99
19) Cyclohexane	5.388	56	43860	1.823	ug/l	98
20) Methylcyclohexane	6.767	83	43472	1.732	ug/l	98
21) 2,2-Dichloropropane	4.674	77	41682	1.931	ug/l	97
22) cis-1,2-Dichloroethene	4.677	96	28575	1.850	ug/l	97
23) Diethyl Ether	2.385	59	20655	1.943	ug/l	97
24) tert-Butyl Alcohol	3.205	59	8933	14.158	ug/l #	72
25) Methyl tert-Butyl Ether	3.378	73	65871	1.862	ug/l	94
26) Bromochloromethane	4.986	128	12460	1.906	ug/l	96
27) Chloroform	5.099	83	48918	1.920	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	39846	1.875	ug/l	98
29) 1,1-Dichloropropene	5.530	75	36838	1.825	ug/l	98
30) Carbon Tetrachloride	5.526	117	31449	1.775	ug/l	99
31) Isopropyl Ether	4.015	45	81793	1.868	ug/l	96
32) Ethyl-t-butyl ether	4.523	59	79645	1.844	ug/l	97
33) Tert-Amyl methyl ether	5.957	73	65312	1.701	ug/l	100
34) Propionitrile	4.800	54	7092	8.066	ug/l #	91
35) Benzene	5.780	78	106903	1.822	ug/l	99
36) 1,2-Dichloroethane	5.806	62	31170	1.851	ug/l	98
37) Trichloroethene	6.549	130	26461	1.794	ug/l	97
38) 1,2-Dichloropropane	6.803	63	28042	1.806	ug/l	99
39) Methacrylonitrile	4.996	41	9455	1.886	ug/l	94
40) Methyl acrylate	4.864	55	14109	1.809	ug/l	98
41) Tetrahydrofuran	5.083	42	7185	3.022	ug/l	96
42) 1-Chlorobutane	5.465	56	51769	1.815	ug/l	93
43) Dibromomethane	6.928	93	14301	1.857	ug/l	97
44) Bromodichloromethane	7.118	83	32956	1.804	ug/l	95

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072121\
Data File : VU044378.D
Acq On : 21 Jul 2021 12:23
Operator : SY/MD
Sample : VU0721WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 05:01:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0721WBSD01

Manual Integrations APPROVED
MMDadoda
7/27/2021 9:02:18 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	94454	9.027	ug/l		96
46) t-1,4-Dichloro-2-butene	10.838	75	16573m	3.738	ug/l		
47) Methyl methacrylate	6.976	69	30190	3.546	ug/l		91
48) Ethyl methacrylate	8.346	69	29861	1.698	ug/l		93
49) Toluene	7.976	92	65701	1.780	ug/l		99
50) t-1,3-Dichloropropene	8.221	75	31764	1.674	ug/l		99
51) cis-1,3-Dichloropropene	7.616	75	38336	1.712	ug/l		96
52) 1,1,2-Trichloroethane	8.410	97	20976	1.848	ug/l		96
53) 1,3-Dichloropropane	8.584	76	38780	1.860	ug/l		99
54) 2-Hexanone	8.700	43	69182	9.295	ug/l		96
55) Dibromochloromethane	8.819	129	21138	1.720	ug/l		99
56) 1,2-Dibromoethane	8.931	107	20072	1.810	ug/l		99
58) Tetrachloroethene	8.558	164	23205	1.854	ug/l		96
59) Chlorobenzene	9.455	112	69053	1.770	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.542	131	22714	1.747	ug/l		98
61) Pentachloroethane	11.433	117	17321	1.667	ug/l		92
62) Hexachloroethane	12.481	117	17934	1.654	ug/l		96
63) Ethyl Benzene	9.578	91	122063	1.750	ug/l		100
64) m/p-Xylenes	9.700	106	94385	3.542	ug/l		100
65) o-Xylene	10.105	106	45179	1.757	ug/l		98
66) Styrene	10.121	104	78904	1.781	ug/l		98
67) Bromoform	10.298	173	11317	1.646	ug/l		98
69) Isopropylbenzene	10.491	105	120666	1.754	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.790	83	27641	1.845	ug/l		98
71) 1,2,3-Trichloropropane	10.835	75	22513m	1.753	ug/l		
72) Bromobenzene	10.790	156	28551	1.793	ug/l		93
73) n-propylbenzene	10.912	120	32004	1.726	ug/l		92
74) 2-Chlorotoluene	10.992	126	27476	1.727	ug/l		93
75) 1,3,5-Trimethylbenzene	11.095	105	103091	1.773	ug/l		100
76) 4-Chlorotoluene	11.105	126	29486	1.784	ug/l		95
77) tert-Butylbenzene	11.426	119	100594	1.765	ug/l		100
78) 1,2,4-Trimethylbenzene	11.475	105	102963	1.744	ug/l		99
79) sec-Butylbenzene	11.648	105	138586	1.785	ug/l		98
80) Nitrobenzene	13.217	77	3213	7.192	ug/l	#	97
81) p-Isopropyltoluene	11.799	119	110227	1.715	ug/l		99
82) 1,3-Dichlorobenzene	11.751	146	56200	1.776	ug/l		98
83) 1,4-Dichlorobenzene	11.841	146	58205	1.822	ug/l		99
84) n-Butylbenzene	12.214	91	111042	1.765	ug/l		99
85) 1,2-Dichlorobenzene	12.221	146	55120	1.798	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	13.005	75	4584	1.771	ug/l		90
87) 1,2,4-Trichlorobenzene	13.848	180	36558	1.686	ug/l		99
88) Hexachlorobutadiene	14.028	225	17509	1.669	ug/l		98
89) Naphthalene	14.095	128	75184	1.734	ug/l		99
90) 1,2,3-Trichlorobenzene	14.336	180	34474	1.751	ug/l		98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072121\
Data File : VU044378.D
Acq On : 21 Jul 2021 12:23
Operator : SY/MD
Sample : VU0721WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 05:01:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0721WBSD01

Manual Integrations APPROVED
MMDadoda
7/27/2021 9:02:18 AM