Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031721\
Data File : VU042685.D
Acq On : 17 Mar 2021 11:19
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 18 03:47:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 18 03:47:11 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
3/25/2021 1:07:08 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.125	96	15272	1.00	ug/l	#	0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	6378	0.94	ug/l		0.00
Spiked Amount 1.000			Recovery = 94.00%				
68) 1,2-Dichlorobenzene-d4	12.201	152	6533	0.91	ug/l		0.00
Spiked Amount 1.000			Recovery = 91.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	2971	0.49	ug/l		96
3) Chloromethane	1.527	50	3164	0.56	ug/l	#	88
4) Vinyl Chloride	1.610	62	2735	0.51	ug/l		100
5) Bromomethane	1.864	94	1898	0.51	ug/l		88
6) Chloroethane	1.938	64	1916	0.55	ug/l		92
7) Trichlorofluoromethane	2.147	101	4548	0.48	ug/l		95
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	2274	0.48	ug/l		97
9) 1,1-Dichloroethene	2.591	96	2057	0.51	ug/l		93
11) Allyl Chloride	2.932	41	3996	0.53	ug/l		98
12) Acrylonitrile	3.340	53	1339	1.17	ug/l	#	86
13) Acetone	2.646	43	2465	2.93	ug/l		100
14) Carbon Disulfide	2.800	76	6511	0.52	ug/l		99
15) Methylene Chloride	3.057	84	2728	0.53	ug/l		96
16) trans-1,2-Dichloroethene	3.363	96	2257	0.53	ug/l		91
17) 1,1-Dichloroethane	3.883	63	4472	0.50	ug/l	#	95
18) 2-Butanone	4.742	43	4249	2.64	ug/l		97
19) Cyclohexane	5.395	56	3845	0.53	ug/l	#	89
20) Methylcyclohexane	6.774	83	3222	0.49	ug/l		98
21) 2,2-Dichloropropane	4.684	77	4523	0.56	ug/l	#	77
22) cis-1,2-Dichloroethene	4.678	96	2541	0.52	ug/l		97
23) Diethyl Ether	2.385	59	1590	0.47	ug/l		93
25) Methyl tert-Butyl Ether	3.382	73	6148	0.52	ug/l		95
26) Bromochloromethane	4.996	128	1149	0.49	ug/l		96
27) Chloroform	5.102	83	4691	0.50	ug/l		90
28) 1,1,1-Trichloroethane	5.330	97	4154	0.49	ug/l		93
29) 1,1-Dichloropropene	5.536	75	2870	0.48	ug/l	#	91
30) Carbon Tetrachloride	5.536	117	3198	0.48	ug/l		97
31) Isopropyl Ether	4.015	45	8368	0.53	ug/l		99
32) Ethyl-t-butyl ether	4.523	59	7045	0.50	ug/l		98
33) Tert-Amyl methyl ether	5.964	73	5065	0.49	ug/l	#	96
34) Propionitrile	4.806	54	739	2.08	ug/l	#	75
35) Benzene	5.784	78	8831	0.53	ug/l		94
36) 1,2-Dichloroethane	5.813	62	3182	0.49	ug/l	#	87
37) Trichloroethene	6.552	130	2086	0.46	ug/l		95
38) 1,2-Dichloropropane	6.806	63	2330	0.50	ug/l		93
39) Methacrylonitrile	5.002	41	1164m	0.48	ug/l		
40) Methyl acrylate	4.877	55	1491	0.48	ug/l	#	73
41) Tetrahydrofuran	5.092	42	1251	1.13	ug/l	#	71
42) 1-Chlorobutane	5.469	56	4660	0.53	ug/l		96
43) Dibromomethane	6.935	93	1243	0.47	ug/l		95
44) Bromodichloromethane	7.118	83	2952	0.48	ug/l	#	93
45) 4-Methyl-2-Pentanone	7.816	43	8966	2.25	ug/l		97
46) t-1,4-Dichloro-2-butene	10.851	75	890m	0.68	ug/l		

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031721\
Data File : VU042685.D
Acq On : 17 Mar 2021 11:19
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
3/25/2021 1:07:08 PM

Quant Time: Mar 18 03:47:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 18 03:47:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Methyl methacrylate	6.983	69	1994	0.86	ug/l		91
48) Ethyl methacrylate	8.356	69	2144	0.47	ug/l		95
49) Toluene	7.980	92	4828	0.48	ug/l		97
50) t-1,3-Dichloropropene	8.224	75	2474	0.44	ug/l		95
51) cis-1,3-Dichloropropene	7.623	75	2856	0.47	ug/l		89
52) 1,1,2-Trichloroethane	8.411	97	1897	0.52	ug/l	#	88
53) 1,3-Dichloropropane	8.591	76	3237	0.52	ug/l	#	87
54) 2-Hexanone	8.706	43	6108	2.19	ug/l		94
55) Dibromochloromethane	8.822	129	1985	0.46	ug/l		99
56) 1,2-Dibromoethane	8.935	107	1897	0.53	ug/l		86
58) Tetrachloroethene	8.565	164	2417	0.50	ug/l		95
59) Chlorobenzene	9.459	112	5613	0.49	ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.546	131	2076	0.45	ug/l		97
61) Pentachloroethane	11.443	117	1517	0.44	ug/l		100
62) Hexachloroethane	12.484	117	1519	0.42	ug/l		98
63) Ethyl Benzene	9.581	91	8577	0.44	ug/l		96
64) m/p-Xylenes	9.703	106	6278	0.82	ug/l		96
65) o-Xylene	10.111	106	3062	0.41	ug/l		95
66) Styrene	10.124	104	5232	0.42	ug/l		93
67) Bromoform	10.301	173	1161	0.42	ug/l	#	93
69) Isopropylbenzene	10.494	105	8286	0.41	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.796	83	2141	0.44	ug/l	#	95
71) 1,2,3-Trichloropropane	10.838	75	1678m	0.40	ug/l		
72) Bromobenzene	10.793	156	2828	0.50	ug/l		89
73) n-propylbenzene	10.919	120	2389	0.43	ug/l		97
74) 2-Chlorotoluene	10.996	126	2014	0.39	ug/l		80
75) 1,3,5-Trimethylbenzene	11.095	105	7159	0.40	ug/l		93
76) 4-Chlorotoluene	11.108	126	2210	0.41	ug/l		82
77) tert-Butylbenzene	11.430	119	7716	0.43	ug/l		98
78) 1,2,4-Trimethylbenzene	11.478	105	7091	0.38	ug/l		99
79) sec-Butylbenzene	11.655	105	10114	0.43	ug/l		96
81) p-Isopropyltoluene	11.803	119	7806	0.39	ug/l		97
82) 1,3-Dichlorobenzene	11.758	146	4947	0.45	ug/l		97
83) 1,4-Dichlorobenzene	11.848	146	5121	0.46	ug/l		97
84) n-Butylbenzene	12.218	91	7493	0.40	ug/l		97
85) 1,2-Dichlorobenzene	12.224	146	5076	0.46	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	368	0.41	ug/l		97
87) 1,2,4-Trichlorobenzene	13.854	180	3124	0.45	ug/l		98
88) Hexachlorobutadiene	14.028	225	2196	0.48	ug/l		90
90) 1,2,3-Trichlorobenzene	14.346	180	3013	0.45	ug/l		98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031721\
Data File : VU042685.D
Acq On : 17 Mar 2021 11:19
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 18 03:47:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 18 03:47:11 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
3/25/2021 1:07:08 PM