Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071621\
Data File : VU044346.D
Acq On : 16 Jul 2021 10:33
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 16 12:35:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 12:32:27 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
7/19/2021 5:54:42 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.121	96	53324	1.000	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.639	95	21117	0.982	ug/l		0.00
Spiked Amount 1.000			Recovery =	98.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	20763	0.977	ug/l		0.00
Spiked Amount 1.000			Recovery =	98.000%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	16079	0.831	ug/l		100
3) Chloromethane	1.527	50	17874	0.863	ug/l		97
4) Vinyl Chloride	1.610	62	17585	0.827	ug/l		99
5) Bromomethane	1.861	94	9582	0.848	ug/l		99
6) Chloroethane	1.938	64	11093	0.907	ug/l		99
7) Trichlorofluoromethane	2.144	101	18656	0.802	ug/l		96
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	11851	0.808	ug/l		98
9) 1,1-Dichloroethene	2.588	96	11392	0.804	ug/l		96
10) Iodomethane	2.729	142	14960	0.766	ug/l		89
11) Allyl Chloride	2.932	41	19324	0.827	ug/l	#	80
12) Acrylonitrile	3.330	53	5752	1.591	ug/l		94
13) Acetone	2.636	43	7249	4.028	ug/l		92
14) Carbon Disulfide	2.800	76	38805	0.820	ug/l		98
15) Methylene Chloride	3.054	84	19769	1.168	ug/l		93
16) trans-1,2-Dichloroethene	3.363	96	13265	0.851	ug/l		93
17) 1,1-Dichloroethane	3.880	63	24486	0.841	ug/l		98
18) 2-Butanone	4.732	43	14527	3.740	ug/l		95
19) Cyclohexane	5.388	56	22358	0.836	ug/l		98
20) Methylcyclohexane	6.768	83	22884	0.796	ug/l		98
21) 2,2-Dichloropropane	4.674	77	20088	0.833	ug/l		96
22) cis-1,2-Dichloroethene	4.678	96	14337	0.833	ug/l		96
23) Diethyl Ether	2.385	59	9814	0.818	ug/l		97
24) tert-Butyl Alcohol	3.215	59	5555	7.456	ug/l	#	85
25) Methyl tert-Butyl Ether	3.379	73	33022	0.827	ug/l		94
26) Bromochloromethane	4.983	128	6192	0.871	ug/l		98
27) Chloroform	5.099	83	23920	0.863	ug/l		98
28) 1,1,1-Trichloroethane	5.324	97	19309	0.819	ug/l		96
29) 1,1-Dichloropropene	5.530	75	18665	0.818	ug/l		96
30) Carbon Tetrachloride	5.530	117	16122	0.815	ug/l		99
31) Isopropyl Ether	4.012	45	39596	0.801	ug/l		94
32) Ethyl-t-butyl ether	4.523	59	40309	0.827	ug/l		99
33) Tert-Amyl methyl ether	5.961	73	34670	0.817	ug/l		98
34) Propionitrile	4.803	54	4440	4.257	ug/l	#	97
35) Benzene	5.780	78	53396	0.821	ug/l		100
36) 1,2-Dichloroethane	5.806	62	15760	0.859	ug/l		99
37) Trichloroethene	6.549	130	13685	0.827	ug/l		100
38) 1,2-Dichloropropane	6.803	63	14126	0.817	ug/l		100
39) Methacrylonitrile	4.993	41	4641	0.802	ug/l	#	90
40) Methyl acrylate	4.867	55	7269	0.800	ug/l	#	97
41) Tetrahydrofuran	5.086	42	4544	1.685	ug/l		99
42) 1-Chlorobutane	5.465	56	26174	0.831	ug/l		92
43) Dibromomethane	6.928	93	7202	0.828	ug/l		97
44) Bromodichloromethane	7.115	83	16577	0.806	ug/l		98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071621\
Data File : VU044346.D
Acq On : 16 Jul 2021 10:33
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 16 12:35:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 12:32:27 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
7/19/2021 5:54:42 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.813	43	48606	4.103	ug/l		97
46) t-1,4-Dichloro-2-butene	10.841	75	7595m	1.425	ug/l		
47) Methyl methacrylate	6.980	69	15545	1.626	ug/l	#	86
48) Ethyl methacrylate	8.346	69	16289	0.821	ug/l		89
49) Toluene	7.977	92	33070	0.790	ug/l		99
50) t-1,3-Dichloropropene	8.221	75	16752	0.756	ug/l		98
51) cis-1,3-Dichloropropene	7.620	75	20307	0.790	ug/l		91
52) 1,1,2-Trichloroethane	8.411	97	10507	0.837	ug/l		96
53) 1,3-Dichloropropane	8.584	76	19272	0.832	ug/l		99
54) 2-Hexanone	8.703	43	33691	3.978	ug/l		94
55) Dibromochloromethane	8.819	129	10673	0.762	ug/l		97
56) 1,2-Dibromoethane	8.931	107	10025	0.808	ug/l		98
58) Tetrachloroethene	8.559	164	11229	0.792	ug/l		96
59) Chlorobenzene	9.456	112	35179	0.795	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.542	131	11740	0.789	ug/l		98
61) Pentachloroethane	11.436	117	8929	0.752	ug/l		97
62) Hexachloroethane	12.481	117	9334	0.731	ug/l		99
63) Ethyl Benzene	9.578	91	63744	0.799	ug/l		97
64) m/p-Xylenes	9.700	106	48532	1.593	ug/l		99
65) o-Xylene	10.105	106	23345	0.792	ug/l		96
66) Styrene	10.121	104	38899	0.761	ug/l		98
67) Bromoform	10.301	173	6020	0.736	ug/l	#	98
69) Isopropylbenzene	10.491	105	61699	0.783	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.790	83	13069	0.774	ug/l		96
71) 1,2,3-Trichloropropane	10.835	75	11285m	0.787	ug/l		
72) Bromobenzene	10.790	156	14725	0.824	ug/l		94
73) n-propylbenzene	10.912	120	16482	0.765	ug/l		95
74) 2-Chlorotoluene	10.992	126	14740	0.831	ug/l		96
75) 1,3,5-Trimethylbenzene	11.095	105	51392	0.773	ug/l		98
76) 4-Chlorotoluene	11.105	126	15641	0.848	ug/l		95
77) tert-Butylbenzene	11.427	119	51337	0.788	ug/l		100
78) 1,2,4-Trimethylbenzene	11.475	105	52433	0.768	ug/l		99
79) sec-Butylbenzene	11.648	105	69114	0.776	ug/l		99
80) Nitrobenzene	13.221	77	1691	3.050	ug/l	#	92
81) p-Isopropyltoluene	11.800	119	56582	0.761	ug/l		99
82) 1,3-Dichlorobenzene	11.751	146	28619	0.809	ug/l		100
83) 1,4-Dichlorobenzene	11.845	146	29672	0.833	ug/l		98
84) n-Butylbenzene	12.214	91	55235	0.743	ug/l		98
85) 1,2-Dichlorobenzene	12.221	146	28207	0.823	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	13.005	75	2298	0.744	ug/l		97
87) 1,2,4-Trichlorobenzene	13.848	180	19154	0.753	ug/l		97
88) Hexachlorobutadiene	14.028	225	9168	0.757	ug/l		99
89) Naphthalene	14.095	128	36356	0.699	ug/l		99
90) 1,2,3-Trichlorobenzene	14.340	180	17381	0.758	ug/l		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071621\
Data File : VU044346.D
Acq On : 16 Jul 2021 10:33
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 16 12:35:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 12:32:27 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
7/19/2021 5:54:42 PM