Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072121\
Data File : VU044377.D
Acq On : 21 Jul 2021 11:48
Operator : SY/MD
Sample : VU0721WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 05:00:53 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 :
VU0721WBS01

Manual Integrations APPROVED
MMDadoda
7/23/2021 1:52:06 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	47671	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	18999	0.988	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	18898	1.007	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	29409	1.768	ug/l	97
3) Chloromethane	1.523	50	33939	1.876	ug/l	97
4) Vinyl Chloride	1.607	62	34751	1.902	ug/l	97
5) Bromomethane	1.864	94	20577	2.112	ug/l	96
6) Chloroethane	1.938	64	21036	1.893	ug/l	99
7) Trichlorofluoromethane	2.147	101	39119	1.981	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	23892	1.915	ug/l	99
9) 1,1-Dichloroethene	2.588	96	23615	1.940	ug/l	94
10) Iodomethane	2.729	142	28532	1.791	ug/l	88
11) Allyl Chloride	2.932	41	38196	1.905	ug/l	82
12) Acrylonitrile	3.330	53	10847	3.888	ug/l	98
13) Acetone	2.636	43	17445	12.538	ug/l	89
14) Carbon Disulfide	2.800	76	75281	1.868	ug/l	99
15) Methylene Chloride	3.054	84	44127	2.554	ug/l	94
16) trans-1,2-Dichloroethene	3.363	96	25870	1.905	ug/l	95
17) 1,1-Dichloroethane	3.880	63	48533	1.919	ug/l	99
18) 2-Butanone	4.732	43	33132	11.103	ug/l	99
19) Cyclohexane	5.388	56	43956	1.901	ug/l	100
20) Methylcyclohexane	6.768	83	43432	1.801	ug/l	99
21) 2,2-Dichloropropane	4.674	77	39369	1.899	ug/l	97
22) cis-1,2-Dichloroethene	4.674	96	28469	1.918	ug/l	95
23) Diethyl Ether	2.385	59	19931	1.951	ug/l	98
24) tert-Butyl Alcohol	3.205	59	12075	19.921	ug/l	100
25) Methyl tert-Butyl Ether	3.379	73	66327	1.952	ug/l	93
26) Bromochloromethane	4.983	128	11618	1.850	ug/l	93
27) Chloroform	5.099	83	47878	1.956	ug/l	98
28) 1,1,1-Trichloroethane	5.324	97	39299	1.925	ug/l	99
29) 1,1-Dichloropropene	5.530	75	35666	1.839	ug/l	100
30) Carbon Tetrachloride	5.530	117	30041	1.765	ug/l	94
31) Isopropyl Ether	4.012	45	80536	1.914	ug/l	97
32) Ethyl-t-butyl ether	4.523	59	78442	1.891	ug/l	98
33) Tert-Amyl methyl ether	5.961	73	67924	1.841	ug/l	96
34) Propionitrile	4.803	54	10644	12.602	ug/l #	90
35) Benzene	5.781	78	103350	1.834	ug/l	98
36) 1,2-Dichloroethane	5.806	62	31222	1.930	ug/l	99
37) Trichloroethene	6.549	130	26040	1.838	ug/l	93
38) 1,2-Dichloropropane	6.803	63	27508	1.844	ug/l	98
39) Methacrylonitrile	4.993	41	9744	2.024	ug/l	93
40) Methyl acrylate	4.864	55	14114	1.884	ug/l #	97
41) Tetrahydrofuran	5.080	42	9291	4.068	ug/l	97
42) 1-Chlorobutane	5.465	56	50000	1.824	ug/l	95
43) Dibromomethane	6.928	93	14244	1.925	ug/l	94
44) Bromodichloromethane	7.115	83	32732	1.865	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072121\
Data File : VU044377.D
Acq On : 21 Jul 2021 11:48
Operator : SY/MD
Sample : VU0721WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0721WBS01

Manual Integrations APPROVED
MMDadoda
7/23/2021 1:52:06 PM

Quant Time: Jul 22 05:00:53 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)
45) 4-Methyl-2-Pentanone	7.809	43	90196	8.973	ug/l	96
46) t-1,4-Dichloro-2-butene	10.838	75	16417m	3.854	ug/l	
47) Methyl methacrylate	6.980	69	29226	3.573	ug/l	91
48) Ethyl methacrylate	8.346	69	28801	1.705	ug/l	96
49) Toluene	7.977	92	65106	1.836	ug/l	100
50) t-1,3-Dichloropropene	8.221	75	31661	1.737	ug/l	98
51) cis-1,3-Dichloropropene	7.616	75	37471	1.742	ug/l	96
52) 1,1,2-Trichloroethane	8.411	97	20418	1.873	ug/l	98
53) 1,3-Dichloropropane	8.584	76	37477	1.871	ug/l	99
54) 2-Hexanone	8.703	43	66918	9.358	ug/l	97
55) Dibromochloromethane	8.819	129	20704	1.754	ug/l	98
56) 1,2-Dibromoethane	8.935	107	19354	1.816	ug/l	98
58) Tetrachloroethene	8.559	164	23070	1.919	ug/l	96
59) Chlorobenzene	9.456	112	68318	1.823	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.542	131	22684	1.816	ug/l	97
61) Pentachloroethane	11.433	117	16952	1.698	ug/l	94
62) Hexachloroethane	12.481	117	17627	1.692	ug/l	97
63) Ethyl Benzene	9.578	91	121891	1.819	ug/l	99
64) m/p-Xylenes	9.700	106	93827	3.665	ug/l	98
65) o-Xylene	10.108	106	45520	1.842	ug/l	99
66) Styrene	10.121	104	80257	1.885	ug/l	97
67) Bromoform	10.298	173	11001	1.665	ug/l	98
69) Isopropylbenzene	10.491	105	121319	1.836	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.790	83	27367	1.902	ug/l	97
71) 1,2,3-Trichloropropane	10.835	75	19915m	1.615	ug/l	
72) Bromobenzene	10.790	156	28314	1.850	ug/l	92
73) n-propylbenzene	10.912	120	33674	1.890	ug/l	94
74) 2-Chlorotoluene	10.993	126	28074	1.837	ug/l	91
75) 1,3,5-Trimethylbenzene	11.095	105	103687	1.856	ug/l	99
76) 4-Chlorotoluene	11.105	126	29841	1.880	ug/l	94
77) tert-Butylbenzene	11.427	119	98917	1.807	ug/l	99
78) 1,2,4-Trimethylbenzene	11.475	105	105448	1.860	ug/l	100
79) sec-Butylbenzene	11.652	105	140114	1.879	ug/l	98
80) Nitrobenzene	13.217	77	3258	7.591	ug/l	99
81) p-Isopropyltoluene	11.800	119	114657	1.857	ug/l	99
82) 1,3-Dichlorobenzene	11.751	146	58973	1.940	ug/l	99
83) 1,4-Dichlorobenzene	11.845	146	58561	1.908	ug/l	98
84) n-Butylbenzene	12.214	91	117937	1.951	ug/l	99
85) 1,2-Dichlorobenzene	12.218	146	57219	1.943	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	4610	1.854	ug/l	93
87) 1,2,4-Trichlorobenzene	13.848	180	38794	1.862	ug/l	99
88) Hexachlorobutadiene	14.028	225	18787	1.864	ug/l	97
89) Naphthalene	14.095	128	75913	1.822	ug/l	100
90) 1,2,3-Trichlorobenzene	14.336	180	35684	1.887	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072121\
Data File : VU044377.D
Acq On : 21 Jul 2021 11:48
Operator : SY/MD
Sample : VU0721WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 05:00:53 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 :
VU0721WBS01

Manual Integrations APPROVED
MMDadoda
7/23/2021 1:52:06 PM