Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060221\
Data File : VU044029.D
Acq On : 02 Jun 2021 19:04
Operator : SY/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 03 05:57:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 03 05:52:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED
SAM
6/3/2021 5:47:25 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.124	96	18591	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	7076	0.891	ug/l	0.00
Spiked Amount 1.000			Recovery =	89.000%		
68) 1,2-Dichlorobenzene-d4	12.201	152	6999	0.837	ug/l	0.00
Spiked Amount 1.000			Recovery =	84.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	79570	10.788	ug/l	100
3) Chloromethane	1.527	50	81575	11.432	ug/l	100
4) Vinyl Chloride	1.610	62	79712	11.632	ug/l	100
5) Bromomethane	1.861	94	43445	10.024	ug/l	100
6) Chloroethane	1.938	64	44944	9.972	ug/l	100
7) Trichlorofluoromethane	2.147	101	90387	8.296	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	52391	9.355	ug/l	100
9) 1,1-Dichloroethene	2.588	96	48979	9.986	ug/l	100
10) Iodomethane	2.732	142	68495	9.138	ug/l	100
11) Allyl Chloride	2.932	41	78497	8.567	ug/l	100
12) Acrylonitrile	3.327	53	21079	15.603	ug/l	100
13) Acetone	2.639	43	32323	31.432	ug/l	100
14) Carbon Disulfide	2.803	76	167765	10.742	ug/l	100
15) Methylene Chloride	3.054	84	57330	9.608	ug/l	100
16) trans-1,2-Dichloroethene	3.362	96	53070	9.992	ug/l	100
17) 1,1-Dichloroethane	3.880	63	104085	9.625	ug/l	100
18) 2-Butanone	4.735	43	65579m	34.365	ug/l	
19) Cyclohexane	5.391	56	100630m	10.689	ug/l	
20) Methylcyclohexane	6.767	83	91734	11.279	ug/l	100
21) 2,2-Dichloropropane	4.678	77	80462	8.291	ug/l	100
22) cis-1,2-Dichloroethene	4.678	96	58774	9.837	ug/l	100
23) Diethyl Ether	2.385	59	40458	9.805	ug/l	100
24) tert-Butyl Alcohol	3.205	59	49136m	175.409	ug/l	
25) Methyl tert-Butyl Ether	3.382	73	127922	8.948	ug/l	100
26) Bromochloromethane	4.986	128	23963	8.612	ug/l	100
27) Chloroform	5.099	83	100855	9.027	ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	85444	8.543	ug/l	100
29) 1,1-Dichloropropene	5.533	75	82694	11.206	ug/l	100
30) Carbon Tetrachloride	5.530	117	75780	9.619	ug/l	100
31) Isopropyl Ether	4.015	45	166141	8.730	ug/l	100
32) Ethyl-t-butyl ether	4.526	59	152638	8.989	ug/l	100
33) Tert-Amyl methyl ether	5.964	73	126092	10.107	ug/l	100
34) Propionitrile	4.800	54	19692	46.322	ug/l	100
35) Benzene	5.780	78	238408	11.430	ug/l	100
36) 1,2-Dichloroethane	5.806	62	68541	8.876	ug/l	100
37) Trichloroethene	6.552	130	55341	10.182	ug/l	100
38) 1,2-Dichloropropane	6.803	63	63728	10.768	ug/l	100
39) Methacrylonitrile	4.996	41	19276	7.184	ug/l	100
40) Methyl acrylate	4.864	55	34809	9.706	ug/l	100
41) Tetrahydrofuran	5.083	42	21784	16.070	ug/l	100
42) 1-Chlorobutane	5.465	56	116709	10.738	ug/l	100
43) Dibromomethane	6.928	93	30877	9.821	ug/l	100
44) Bromodichloromethane	7.118	83	77254	10.331	ug/l	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060221\
Data File : VU044029.D
Acq On : 02 Jun 2021 19:04
Operator : SY/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED
SAM
6/3/2021 5:47:25 PM

Quant Time: Jun 03 05:57:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 03 05:52:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	182834	40.278	ug/l	100
46) t-1,4-Dichloro-2-butene	10.841	75	31361m	21.104	ug/l	
47) Methyl methacrylate	6.980	69	58642	21.087	ug/l	100
48) Ethyl methacrylate	8.346	69	53819	9.886	ug/l	100
49) Toluene	7.976	92	145399	11.432	ug/l	100
50) t-1,3-Dichloropropene	8.221	75	70561	10.609	ug/l	100
51) cis-1,3-Dichloropropene	7.616	75	80014	10.674	ug/l	100
52) 1,1,2-Trichloroethane	8.411	97	44813	10.157	ug/l	100
53) 1,3-Dichloropropane	8.584	76	79343	10.421	ug/l	100
54) 2-Hexanone	8.700	43	130358	40.491	ug/l	100
55) Dibromochloromethane	8.819	129	49119	9.576	ug/l	100
56) 1,2-Dibromoethane	8.931	107	40127	9.334	ug/l	100
58) Tetrachloroethene	8.558	164	53108	9.137	ug/l	100
59) Chlorobenzene	9.455	112	145304	10.291	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.542	131	53629	9.834	ug/l	100
61) Pentachloroethane	11.436	117	42212	10.038	ug/l	100
62) Hexachloroethane	12.484	117	43543	10.103	ug/l	100
63) Ethyl Benzene	9.578	91	268504	11.152	ug/l	100
64) m/p-Xylenes	9.700	106	216507	23.175	ug/l	100
65) o-Xylene	10.108	106	99592	11.093	ug/l	100
66) Styrene	10.121	104	178575	11.606	ug/l	100
67) Bromoform	10.298	173	27256	8.438	ug/l	100
69) Isopropylbenzene	10.491	105	263419	10.866	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	58278	10.137	ug/l	100
71) 1,2,3-Trichloropropane	10.835	75	46444m	10.262	ug/l	
72) Bromobenzene	10.790	156	60067	9.032	ug/l	100
73) n-propylbenzene	10.912	120	75511	11.103	ug/l	100
74) 2-Chlorotoluene	10.992	126	64094	10.431	ug/l	100
75) 1,3,5-Trimethylbenzene	11.095	105	241002	11.146	ug/l	100
76) 4-Chlorotoluene	11.105	126	68945	10.609	ug/l	100
77) tert-Butylbenzene	11.426	119	220066	10.333	ug/l	100
78) 1,2,4-Trimethylbenzene	11.475	105	249730	11.178	ug/l	100
79) sec-Butylbenzene	11.652	105	313927	10.840	ug/l	100
80) Nitrobenzene	13.214	77	9258	59.834	ug/l	100
81) p-Isopropyltoluene	11.799	119	261266	10.772	ug/l	100
82) 1,3-Dichlorobenzene	11.751	146	129018	9.655	ug/l	100
83) 1,4-Dichlorobenzene	11.844	146	129971	9.683	ug/l	100
84) n-Butylbenzene	12.217	91	257598	11.056	ug/l	100
85) 1,2-Dichlorobenzene	12.221	146	123216	9.435	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	13.002	75	9449	9.163	ug/l	100
87) 1,2,4-Trichlorobenzene	13.848	180	74502	8.700	ug/l	100
88) Hexachlorobutadiene	14.028	225	46519	8.102	ug/l	100
89) Naphthalene	14.095	128	136216	9.690	ug/l	100
90) 1,2,3-Trichlorobenzene	14.336	180	74455	9.102	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060221\
Data File : VU044029.D
Acq On : 02 Jun 2021 19:04
Operator : SY/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 03 05:57:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 03 05:52:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED
SAM
6/3/2021 5:47:25 PM