Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021522\
Data File : VU047146.D
Acq On : 15 Feb 2022 11:55
Operator : SY/MD
Sample : VU0215WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 17 08:02:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 15 03:17:28 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	52830	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	20519	1.003	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	20821	0.977	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	32546	1.848	ug/l	100
3) Chloromethane	1.530	50	35170	1.944	ug/l	98
4) Vinyl Chloride	1.610	62	33996	1.904	ug/l	99
5) Bromomethane	1.864	94	21461	1.839	ug/l	100
6) Chloroethane	1.941	64	19679	1.918	ug/l	99
7) Trichlorofluoromethane	2.147	101	40707	1.934	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	23577	1.943	ug/l	94
9) 1,1-Dichloroethene	2.591	96	24419	1.955	ug/l	93
10) Iodomethane	2.732	142	17708	1.985	ug/l	100
11) Allyl Chloride	2.932	41	36013	1.850	ug/l	94
12) Acrylonitrile	3.327	53	12300	3.356	ug/l	93
13) Acetone	2.649	43	18991	10.690	ug/l	100
14) Carbon Disulfide	2.803	76	81057	1.919	ug/l	98
15) Methylene Chloride	3.054	84	27355	1.951	ug/l	99
16) trans-1,2-Dichloroethene	3.359	96	25441	1.930	ug/l	98
17) 1,1-Dichloroethane	3.877	63	45606	1.889	ug/l	98
18) 2-Butanone	4.723	43	33311	9.021	ug/l	99
19) Cyclohexane	5.395	56	41867m	1.871	ug/l	
20) Methylcyclohexane	6.768	83	46997	1.906	ug/l	94
21) 2,2-Dichloropropane	4.674	77	40604	1.882	ug/l	97
22) cis-1,2-Dichloroethene	4.674	96	28746	1.897	ug/l	94
23) Diethyl Ether	2.382	59	19276	1.910	ug/l	96
24) tert-Butyl Alcohol	3.237	59	12813	19.521	ug/l #	77
25) Methyl tert-Butyl Ether	3.372	73	67003	1.913	ug/l	97
26) Bromochloromethane	4.983	128	13111	1.924	ug/l	92
27) Chloroform	5.096	83	46388	1.893	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	40471	1.908	ug/l	98
29) 1,1-Dichloropropene	5.533	75	36393	1.874	ug/l	97
30) Carbon Tetrachloride	5.530	117	35435	1.900	ug/l	97
31) Isopropyl Ether	4.002	45	71692	1.856	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	73888	1.882	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	67332	1.862	ug/l	97
34) Propionitrile	4.803	54	9335	10.360	ug/l #	91
35) Benzene	5.780	78	105123	1.932	ug/l	98
36) 1,2-Dichloroethane	5.800	62	31682	1.923	ug/l	98
37) Trichloroethene	6.546	130	28992	1.924	ug/l	99
38) 1,2-Dichloropropane	6.796	63	26622	1.849	ug/l	97
39) Methacrylonitrile	4.983	41	9560	1.926	ug/l	94
40) Methyl acrylate	4.858	55	14340	1.709	ug/l #	95
41) Tetrahydrofuran	5.073	42	10009	3.959	ug/l #	86
42) 1-Chlorobutane	5.465	56	49221	1.888	ug/l	98
43) Dibromomethane	6.925	93	14937	1.923	ug/l	91
44) Bromodichloromethane	7.108	83	34096	1.856	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021522\
Data File : VU047146.D
Acq On : 15 Feb 2022 11:55
Operator : SY/MD
Sample : VU0215WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

Quant Time: Feb 17 08:02:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 15 03:17:28 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	4-Methyl-2-Pentanone	7.796	43	101279	9.643	ug/l		97
46)	t-1,4-Dichloro-2-butene	10.838	75	15997m	3.499	ug/l		
47)	Methyl methacrylate	6.967	69	29782	3.657	ug/l		96
48)	Ethyl methacrylate	8.337	69	30532	1.849	ug/l		98
49)	Toluene	7.973	92	66769	1.902	ug/l		98
50)	t-1,3-Dichloropropene	8.214	75	36347	1.828	ug/l		97
51)	cis-1,3-Dichloropropene	7.610	75	41948	1.882	ug/l		98
52)	1,1,2-Trichloroethane	8.404	97	21742	1.962	ug/l		98
53)	1,3-Dichloropropane	8.578	76	37759	1.907	ug/l		99
54)	2-Hexanone	8.690	43	73687	9.417	ug/l		98
55)	Dibromochloromethane	8.812	129	25746	1.911	ug/l		100
56)	1,2-Dibromoethane	8.928	107	21652	1.934	ug/l		97
58)	Tetrachloroethene	8.555	164	27575	1.984	ug/l		98
59)	Chlorobenzene	9.449	112	75335	1.925	ug/l		100
60)	1,1,1,2-Tetrachloroethane	9.536	131	26117	1.942	ug/l		100
61)	Pentachloroethane	11.430	117	18728	1.834	ug/l	#	82
62)	Hexachloroethane	12.478	117	19894	1.804	ug/l	#	79
63)	Ethyl Benzene	9.575	91	131992	1.919	ug/l		98
64)	m/p-Xylenes	9.697	106	102097	3.893	ug/l		97
65)	o-Xylene	10.102	106	49097	1.933	ug/l		97
66)	Styrene	10.118	104	81752	1.896	ug/l		97
67)	Bromoform	10.292	173	15738	1.844	ug/l	#	97
69)	Isopropylbenzene	10.488	105	131640	1.927	ug/l		98
70)	1,1,2,2-Tetrachloroethane	10.787	83	28223	1.884	ug/l		99
71)	1,2,3-Trichloropropane	10.832	75	24258m	1.919	ug/l		
72)	Bromobenzene	10.783	156	32674	1.958	ug/l		86
73)	n-propylbenzene	10.909	120	35878	1.908	ug/l		89
74)	2-Chlorotoluene	10.989	126	31387	1.958	ug/l		86
75)	1,3,5-Trimethylbenzene	11.089	105	106202	1.895	ug/l		98
76)	4-Chlorotoluene	11.099	126	33126	1.966	ug/l		78
77)	tert-Butylbenzene	11.423	119	106141	1.888	ug/l		96
78)	1,2,4-Trimethylbenzene	11.468	105	109197	1.910	ug/l		98
79)	sec-Butylbenzene	11.645	105	143337	1.920	ug/l		98
80)	Nitrobenzene	13.208	77	5196	7.184	ug/l	#	95
81)	p-Isopropyltoluene	11.793	119	121621	1.925	ug/l		97
82)	1,3-Dichlorobenzene	11.748	146	61624	1.897	ug/l		98
83)	1,4-Dichlorobenzene	11.838	146	63528	1.942	ug/l		98
84)	n-Butylbenzene	12.208	91	115116	1.898	ug/l		97
85)	1,2-Dichlorobenzene	12.214	146	59346	1.898	ug/l		96
86)	1,2-Dibromo-3-Chloropr...	12.999	75	5133	1.869	ug/l		87
87)	1,2,4-Trichlorobenzene	13.841	180	46549	1.896	ug/l		99
88)	Hexachlorobutadiene	14.021	225	23474	1.870	ug/l		98
89)	Naphthalene	14.086	128	93680	1.863	ug/l		99
90)	1,2,3-Trichlorobenzene	14.330	180	43819	1.990	ug/l		98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021522\
Data File : VU047146.D
Acq On : 15 Feb 2022 11:55
Operator : SY/MD
Sample : VU0215WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 17 08:02:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 15 03:17:28 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022