Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
Data File : VU050395.D
Acq On : 22 Aug 2022 12:21
Operator : SY/MD
Sample : VU0822WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 23 08:25:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 23 08:18:20 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0822WBSD01

Manual Integrations APPROVED
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.108	96	32875	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	11620	1.038	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	13689	1.035	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	27629	2.029	ug/l	99
3) Chloromethane	1.520	50	35542	2.146	ug/l	100
4) Vinyl Chloride	1.604	62	30470	2.153	ug/l	100
5) Bromomethane	1.855	94	9704	1.676	ug/l	99
6) Chloroethane	1.932	64	18726	2.188	ug/l	96
7) Trichlorofluoromethane	2.138	101	35741	2.024	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	20490	2.075	ug/l	95
9) 1,1-Dichloroethene	2.584	96	20352	2.102	ug/l	96
10) Iodomethane	2.726	142	7154	0.896	ug/l	96
11) Allyl Chloride	2.928	41	32242	2.160	ug/l	96
12) Acrylonitrile	3.330	53	12152	4.185	ug/l #	85
13) Acetone	2.636	43	23839m	11.738	ug/l	
14) Carbon Disulfide	2.797	76	62757	2.092	ug/l	99
15) Methylene Chloride	3.051	84	25707	1.962	ug/l	95
16) trans-1,2-Dichloroethene	3.356	96	21363	2.135	ug/l	96
17) 1,1-Dichloroethane	3.871	63	44988	2.159	ug/l	97
18) 2-Butanone	4.735	43	32621	10.212	ug/l	99
19) Cyclohexane	5.359	56	33699m	2.228	ug/l	
20) Methylcyclohexane	6.764	83	20976	1.759	ug/l	94
21) 2,2-Dichloropropane	4.658	77	31509	1.989	ug/l	97
22) cis-1,2-Dichloroethene	4.662	96	23413	2.068	ug/l	92
23) Diethyl Ether	2.379	59	17111	2.057	ug/l	98
24) tert-Butyl Alcohol	3.211	59	18384m	20.897	ug/l	
25) Methyl tert-Butyl Ether	3.379	73	51674	2.009	ug/l	95
26) Bromochloromethane	4.967	128	9642	2.123	ug/l	88
27) Chloroform	5.080	83	42349	2.097	ug/l	99
28) 1,1,1-Trichloroethane	5.298	97	34864	2.023	ug/l	97
29) 1,1-Dichloropropene	5.504	75	28492	2.064	ug/l	98
30) Carbon Tetrachloride	5.497	117	29024	2.104	ug/l	96
31) Isopropyl Ether	4.012	45	67744	2.095	ug/l	97
32) Ethyl-t-butyl ether	4.520	59	48463	1.908	ug/l	100
33) Tert-Amyl methyl ether	5.957	73	28151m	1.700	ug/l	
34) Propionitrile	4.803	54	11659m	12.357	ug/l	
35) Benzene	5.761	78	79074	1.948	ug/l	98
36) 1,2-Dichloroethane	5.790	62	25900	2.090	ug/l	98
37) Trichloroethene	6.542	130	19307	1.985	ug/l	95
38) 1,2-Dichloropropane	6.806	63	21950	2.015	ug/l	94
39) Methacrylonitrile	4.986	41	8889	2.296	ug/l #	94
40) Methyl acrylate	4.861	55	14637m	2.482	ug/l	
41) Tetrahydrofuran	5.080	42	8880	4.581	ug/l	96
42) 1-Chlorobutane	5.440	56	42597	2.167	ug/l	99
43) Dibromomethane	6.938	93	11580	1.972	ug/l	98
44) Bromodichloromethane	7.124	83	29428	2.124	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
Data File : VU050395.D
Acq On : 22 Aug 2022 12:21
Operator : SY/MD
Sample : VU0822WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 23 08:25:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 23 08:18:20 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0822WBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	4-Methyl-2-Pentanone	7.819	43	54677	9.277	ug/l		96
46)	t-1,4-Dichloro-2-butene	10.828	75	13599m	4.286	ug/l		
47)	Methyl methacrylate	6.989	69	15624	3.709	ug/l		96
48)	Ethyl methacrylate	8.349	69	14211	1.901	ug/l		97
49)	Toluene	7.980	92	40777	1.870	ug/l		96
50)	t-1,3-Dichloropropene	8.224	75	20732	1.922	ug/l		96
51)	cis-1,3-Dichloropropene	7.620	75	24398	1.975	ug/l		97
52)	1,1,2-Trichloroethane	8.411	97	18304	2.121	ug/l		95
53)	1,3-Dichloropropane	8.587	76	27695	2.038	ug/l		99
54)	2-Hexanone	8.703	43	37763	9.200	ug/l		93
55)	Dibromochloromethane	8.819	129	19633	2.068	ug/l		98
56)	1,2-Dibromoethane	8.931	107	15689	2.024	ug/l		99
58)	Tetrachloroethene	8.562	164	17851	1.950	ug/l		98
59)	Chlorobenzene	9.452	112	46216	1.964	ug/l		100
60)	1,1,1,2-Tetrachloroethane	9.539	131	20755	2.099	ug/l		97
61)	Pentachloroethane	11.430	117	17303	2.102	ug/l		97
62)	Hexachloroethane	12.475	117	15289	2.233	ug/l		96
63)	Ethyl Benzene	9.575	91	66410	1.885	ug/l		97
64)	m/p-Xylenes	9.700	106	51651	3.669	ug/l		94
65)	o-Xylene	10.105	106	25098	1.865	ug/l		100
66)	Styrene	10.118	104	41451	1.843	ug/l		97
67)	Bromoform	10.295	173	11615	2.154	ug/l	#	99
69)	Isopropylbenzene	10.488	105	66278	1.913	ug/l		100
70)	1,1,2,2-Tetrachloroethane	10.787	83	24098	2.029	ug/l		99
71)	1,2,3-Trichloropropane	10.828	75	17778m	1.991	ug/l		
72)	Bromobenzene	10.787	156	19944	1.963	ug/l		95
73)	n-propylbenzene	10.909	120	16414	1.781	ug/l		94
74)	2-Chlorotoluene	10.989	126	17867	1.850	ug/l		94
75)	1,3,5-Trimethylbenzene	11.089	105	56847	1.819	ug/l		98
76)	4-Chlorotoluene	11.102	126	18007	1.810	ug/l		83
77)	tert-Butylbenzene	11.423	119	59148	1.930	ug/l		94
78)	1,2,4-Trimethylbenzene	11.468	105	59150	1.848	ug/l		97
79)	sec-Butylbenzene	11.645	105	78065	1.925	ug/l		100
80)	Nitrobenzene	13.217	77	7670	11.904	ug/l	#	95
81)	p-Isopropyltoluene	11.793	119	59236	1.876	ug/l		98
82)	1,3-Dichlorobenzene	11.748	146	43874	2.098	ug/l		97
83)	1,4-Dichlorobenzene	11.838	146	43717	2.102	ug/l		98
84)	n-Butylbenzene	12.211	91	60682	2.012	ug/l		95
85)	1,2-Dichlorobenzene	12.214	146	42320	2.058	ug/l		98
86)	1,2-Dibromo-3-Chloropr...	12.996	75	3826	2.041	ug/l		90
87)	1,2,4-Trichlorobenzene	13.841	180	24123	2.056	ug/l		99
88)	Hexachlorobutadiene	14.021	225	15167	1.986	ug/l		98
89)	Naphthalene	14.089	128	47256	2.303	ug/l		99
90)	1,2,3-Trichlorobenzene	14.330	180	23987	1.997	ug/l		99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
Data File : VU050395.D
Acq On : 22 Aug 2022 12:21
Operator : SY/MD
Sample : VU0822WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 23 08:25:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 23 08:18:20 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0822WBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022