Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047824.D
Acq On : 06 Apr 2022 11:18
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Quant Time: Apr 07 05:52:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 05:50:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	57313	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	19900	0.947	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	24579	1.199	ug/l	0.00
Spiked Amount 1.000			Recovery = 120.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	20286	0.935	ug/l	100
3) Chloromethane	1.527	50	22356	0.978	ug/l	100
4) Vinyl Chloride	1.607	62	19922	0.862	ug/l	100
5) Bromomethane	1.861	94	14341	1.097	ug/l	96
6) Chloroethane	1.938	64	12589	0.837	ug/l	94
7) Trichlorofluoromethane	2.144	101	27032	0.981	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	15876	0.998	ug/l	99
9) 1,1-Dichloroethene	2.584	96	15588	1.040	ug/l	93
10) Iodomethane	2.729	142	9395	0.637	ug/l	99
11) Allyl Chloride	2.929	41	21106	0.976	ug/l	97
12) Acrylonitrile	3.324	53	8192m	2.167	ug/l	
13) Acetone	2.646	43	16459	3.844	ug/l	99
14) Carbon Disulfide	2.800	76	49289	1.075	ug/l	99
15) Methylene Chloride	3.051	84	22387	1.231	ug/l	97
16) trans-1,2-Dichloroethene	3.356	96	17062	1.061	ug/l	98
17) 1,1-Dichloroethane	3.874	63	28710	0.969	ug/l	99
18) 2-Butanone	4.732	43	21351	3.890	ug/l	98
19) Cyclohexane	5.388	56	19228m	0.717	ug/l	
20) Methylcyclohexane	6.764	83	20855	0.768	ug/l	95
21) 2,2-Dichloropropane	4.668	77	22830	0.908	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	16944	0.961	ug/l	96
23) Diethyl Ether	2.382	59	11744	0.857	ug/l	97
24) tert-Butyl Alcohol	3.234	59	14419	12.437	ug/l	95
25) Methyl tert-Butyl Ether	3.372	73	38859	0.946	ug/l	97
26) Bromochloromethane	4.980	128	8926	1.155	ug/l	99
27) Chloroform	5.096	83	30760	1.003	ug/l	97
28) 1,1,1-Trichloroethane	5.317	97	24583	0.976	ug/l	98
29) 1,1-Dichloropropene	5.530	75	20330	0.890	ug/l	98
30) Carbon Tetrachloride	5.530	117	21499	1.079	ug/l	96
31) Isopropyl Ether	4.002	45	37516	0.814	ug/l	96
32) Ethyl-t-butyl ether	4.514	59	35170	0.761	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	31247	0.759	ug/l	99
34) Propionitrile	4.803	54	6675	4.715	ug/l #	83
35) Benzene	5.777	78	62303	0.940	ug/l	98
36) 1,2-Dichloroethane	5.800	62	18613	0.891	ug/l	98
37) Trichloroethene	6.546	130	17885	1.082	ug/l	93
38) 1,2-Dichloropropane	6.793	63	15900	0.928	ug/l	98
39) Methacrylonitrile	4.993	41	4055	0.726	ug/l	89
40) Methyl acrylate	4.867	55	7182	0.785	ug/l #	92
41) Tetrahydrofuran	5.076	42	5149	1.627	ug/l	96
42) 1-Chlorobutane	5.462	56	26601	0.822	ug/l	100
43) Dibromomethane	6.925	93	9083	1.048	ug/l	97
44) Bromodichloromethane	7.112	83	20916	0.979	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047824.D
Acq On : 06 Apr 2022 11:18
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Quant Time: Apr 07 05:52:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 05:50:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	44018	3.858	ug/l		99
46) t-1,4-Dichloro-2-butene	10.835	75	7803m	1.888	ug/l		
47) Methyl methacrylate	6.967	69	13463	1.576	ug/l		100
48) Ethyl methacrylate	8.340	69	11457	0.688	ug/l		95
49) Toluene	7.970	92	35753	0.873	ug/l		95
50) t-1,3-Dichloropropene	8.214	75	17782	0.860	ug/l		95
51) cis-1,3-Dichloropropene	7.610	75	20578	0.855	ug/l		95
52) 1,1,2-Trichloroethane	8.404	97	13006	1.042	ug/l		97
53) 1,3-Dichloropropane	8.578	76	21367	0.936	ug/l		96
54) 2-Hexanone	8.694	43	31247	3.578	ug/l		95
55) Dibromochloromethane	8.813	129	15490	1.157	ug/l		100
56) 1,2-Dibromoethane	8.928	107	11951	1.014	ug/l		92
58) Tetrachloroethene	8.555	164	16165	1.078	ug/l		96
59) Chlorobenzene	9.449	112	44138	1.025	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.536	131	15701	1.082	ug/l		98
61) Pentachloroethane	11.430	117	13579	1.267	ug/l		88
62) Hexachloroethane	12.478	117	11583	1.051	ug/l		95
63) Ethyl Benzene	9.571	91	61824	0.814	ug/l		97
64) m/p-Xylenes	9.697	106	48167	1.656	ug/l		98
65) o-Xylene	10.102	106	22885	0.809	ug/l		97
66) Styrene	10.118	104	38752	0.831	ug/l		99
67) Bromoform	10.292	173	9798	1.339	ug/l		97
69) Isopropylbenzene	10.484	105	61115	0.822	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.783	83	16452	1.024	ug/l		98
71) 1,2,3-Trichloropropane	10.829	75	11947m	0.896	ug/l		
72) Bromobenzene	10.783	156	19515	1.134	ug/l		98
73) n-propylbenzene	10.909	120	16806	0.850	ug/l		95
74) 2-Chlorotoluene	10.989	126	17813	1.033	ug/l		97
75) 1,3,5-Trimethylbenzene	11.089	105	50223	0.808	ug/l		98
76) 4-Chlorotoluene	11.102	126	18070	1.016	ug/l		99
77) tert-Butylbenzene	11.423	119	52310	0.861	ug/l		99
78) 1,2,4-Trimethylbenzene	11.468	105	50229	0.791	ug/l		98
79) sec-Butylbenzene	11.645	105	68323	0.821	ug/l		98
80) Nitrobenzene	13.217	77	2815	5.889	ug/l	#	87
81) p-Isopropyltoluene	11.793	119	54443	0.809	ug/l		98
82) 1,3-Dichlorobenzene	11.748	146	40202	1.169	ug/l		98
83) 1,4-Dichlorobenzene	11.838	146	39615	1.161	ug/l		100
84) n-Butylbenzene	12.211	91	51885	0.816	ug/l		98
85) 1,2-Dichlorobenzene	12.214	146	38606	1.180	ug/l		100
86) 1,2-Dibromo-3-Chloropr...	12.999	75	2632	0.997	ug/l		96
87) 1,2,4-Trichlorobenzene	13.841	180	25079	1.199	ug/l		99
88) Hexachlorobutadiene	14.021	225	15352	1.474	ug/l		98
89) Naphthalene	14.089	128	35266	0.899	ug/l		99
90) 1,2,3-Trichlorobenzene	14.333	180	22294	1.149	ug/l		96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047824.D
Acq On : 06 Apr 2022 11:18
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Quant Time: Apr 07 05:52:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 05:50:20 2022
Response via : Initial Calibration