

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
 Data File : VU045300.D
 Acq On : 13 Oct 2021 10:16
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 10/14/2021 2:37:08 PM

Quant Time: Oct 14 05:04:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:02:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.118	96	40332	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	14590	0.964	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	13931	0.814	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	16089	1.025	ug/l	100
3) Chloromethane	1.520	50	16812	0.947	ug/l	98
4) Vinyl Chloride	1.604	62	17714	0.882	ug/l	98
5) Bromomethane	1.861	94	9585	0.619	ug/l	99
6) Chloroethane	1.935	64	12264	0.828	ug/l	97
7) Trichlorofluoromethane	2.141	101	20057	0.648	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	11499	0.612	ug/l	97
9) 1,1-Dichloroethene	2.581	96	10977	0.633	ug/l	97
10) Iodomethane	2.726	142	10632	0.526	ug/l	100
11) Allyl Chloride	2.928	41	15676	0.767	ug/l	98
12) Acrylonitrile	3.337	53	5744	1.763	ug/l	95
13) Acetone	2.652	43	17717	7.994	ug/l	97
14) Carbon Disulfide	2.797	76	32974	0.653	ug/l	96
15) Methylene Chloride	3.051	84	13964	0.503	ug/l	99
16) trans-1,2-Dichloroethene	3.359	96	11758	0.628	ug/l	95
17) 1,1-Dichloroethane	3.874	63	21993	0.690	ug/l	98
18) 2-Butanone	4.732	43	21107	5.575	ug/l	97
19) Cyclohexane	5.391	56	19939m	0.691	ug/l	
20) Methylcyclohexane	6.764	83	19341	1.070	ug/l	98
21) 2,2-Dichloropropane	4.671	77	18325	0.628	ug/l	99
22) cis-1,2-Dichloroethene	4.671	96	12884	0.605	ug/l	98
23) Diethyl Ether	2.382	59	10313	0.814	ug/l	98
24) tert-Butyl Alcohol	3.231	59	8480m	12.383	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	30006	0.690	ug/l	97
26) Bromochloromethane	4.980	128	5353	0.537	ug/l	95
27) Chloroform	5.096	83	22780	0.619	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	18159	0.580	ug/l	99
29) 1,1-Dichloropropene	5.530	75	16721	1.099	ug/l	99
30) Carbon Tetrachloride	5.530	117	13721	0.939	ug/l	97
31) Isopropyl Ether	4.006	45	34349	0.752	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	34226	0.688	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	30632	1.167	ug/l	99
34) Propionitrile	4.813	54	5208	5.127	ug/l #	98
35) Benzene	5.780	78	47950	1.104	ug/l	98
36) 1,2-Dichloroethane	5.803	62	15520	1.100	ug/l	99
37) Trichloroethene	6.546	130	11653	0.953	ug/l	98
38) 1,2-Dichloropropane	6.796	63	12455	1.134	ug/l	94
39) Methacrylonitrile	4.989	41	4150	0.764	ug/l	93
40) Methyl acrylate	4.854	55	6867	0.762	ug/l #	95
41) Tetrahydrofuran	5.073	42	4554	1.643	ug/l	93
42) 1-Chlorobutane	5.465	56	24053	1.209	ug/l	100
43) Dibromomethane	6.922	93	6306	0.968	ug/l	99
44) Bromodichloromethane	7.112	83	15257	1.007	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
 Data File : VU045300.D
 Acq On : 13 Oct 2021 10:16
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 10/14/2021 2:37:08 PM

Quant Time: Oct 14 05:04:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:02:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	41515	5.958	ug/l	98
46) t-1,4-Dichloro-2-butene	10.838	75	5204m	1.818	ug/l	
47) Methyl methacrylate	6.967	69	11626	2.073	ug/l	93
48) Ethyl methacrylate	8.340	69	11775	1.046	ug/l	96
49) Toluene	7.973	92	29542	1.049	ug/l	98
50) t-1,3-Dichloropropene	8.218	75	14338	1.065	ug/l	94
51) cis-1,3-Dichloropropene	7.613	75	17192	1.115	ug/l	94
52) 1,1,2-Trichloroethane	8.407	97	8788	0.952	ug/l	94
53) 1,3-Dichloropropane	8.581	76	16636	1.036	ug/l	99
54) 2-Hexanone	8.694	43	31864	6.338	ug/l	99
55) Dibromochloromethane	8.816	129	8994	0.870	ug/l	96
56) 1,2-Dibromoethane	8.928	107	8318	0.924	ug/l	99
58) Tetrachloroethene	8.555	164	10841	0.954	ug/l	97
59) Chlorobenzene	9.449	112	30388	0.965	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.539	131	10020	0.897	ug/l	99
61) Pentachloroethane	11.430	117	7050	0.808	ug/l	100
62) Hexachloroethane	12.481	117	7201	0.819	ug/l	98
63) Ethyl Benzene	9.575	91	52617	1.000	ug/l	99
64) m/p-Xylenes	9.697	106	40800	1.956	ug/l	100
65) o-Xylene	10.105	106	20086	0.994	ug/l	98
66) Styrene	10.118	104	31602	0.932	ug/l	99
67) Bromoform	10.298	173	4792	0.833	ug/l #	99
69) Isopropylbenzene	10.488	105	51790	0.980	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.787	83	11514	0.931	ug/l	98
71) 1,2,3-Trichloropropane	10.828	75	9381m	1.047	ug/l	
72) Bromobenzene	10.787	156	11750	0.883	ug/l	99
73) n-propylbenzene	10.909	120	13190	0.906	ug/l	96
74) 2-Chlorotoluene	10.989	126	11471	0.879	ug/l	95
75) 1,3,5-Trimethylbenzene	11.092	105	43195	0.953	ug/l	100
76) 4-Chlorotoluene	11.102	126	11980	0.872	ug/l	100
77) tert-Butylbenzene	11.423	119	42275	0.939	ug/l	99
78) 1,2,4-Trimethylbenzene	11.472	105	43577	0.941	ug/l	99
79) sec-Butylbenzene	11.648	105	57174	0.935	ug/l	100
80) Nitrobenzene	13.214	77	1529	5.269	ug/l #	82
81) p-Isopropyltoluene	11.796	119	45456	0.912	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	24124	0.908	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	23764	0.893	ug/l	99
84) n-Butylbenzene	12.211	91	42241	0.890	ug/l	99
85) 1,2-Dichlorobenzene	12.217	146	22267	0.842	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.002	75	1859	1.019	ug/l	99
87) 1,2,4-Trichlorobenzene	13.844	180	12761	0.774	ug/l	96
88) Hexachlorobutadiene	14.024	225	6301	0.696	ug/l	99
89) Naphthalene	14.092	128	24087	0.753	ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	12483	0.784	ug/l	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
 Data File : VU045300.D
 Acq On : 13 Oct 2021 10:16
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 10/14/2021 2:37:08 PM

Quant Time: Oct 14 05:04:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:02:20 2021
 Response via : Initial Calibration

