

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012921\
 Data File : VU042219.D
 Acq On : 29 Jan 2021 11:11
 Operator : SY/MD
 Sample : VU0129WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0129WBS01

Manual Integrations
 APPROVED

SAM
 2/4/2021 1:04:33 PM

Quant Time: Jan 30 00:47:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jan 29 09:59:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	12845	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	4966	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	12.201	152	5017	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	9678	1.93	ug/l	99
3) Chloromethane	1.523	50	8769	1.92	ug/l	99
4) Vinyl Chloride	1.607	62	8558	1.97	ug/l	100
5) Bromomethane	1.861	94	4454	2.06	ug/l	96
6) Chloroethane	1.941	64	5014	2.06	ug/l	96
7) Trichlorofluoromethane	2.147	101	12320	2.02	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	6488	1.99	ug/l	97
9) 1,1-Dichloroethene	2.591	96	5904	2.02	ug/l	93
10) Iodomethane	2.732	142	8305	1.94	ug/l	98
11) Allyl Chloride	2.935	41	12186	2.04	ug/l	100
12) Acrylonitrile	3.327	53	3421	4.56	ug/l #	94
13) Acetone	2.639	43	6071	12.15	ug/l	98
14) Carbon Disulfide	2.803	76	19208	2.01	ug/l	100
15) Methylene Chloride	3.057	84	7174	1.96	ug/l	95
16) trans-1,2-Dichloroethene	3.363	96	6285	2.00	ug/l	99
17) 1,1-Dichloroethane	3.880	63	12445	1.98	ug/l	99
18) 2-Butanone	4.732	43	10635	10.81	ug/l	97
19) Cyclohexane	5.391	56	12904m	2.06	ug/l	
20) Methylcyclohexane	6.768	83	12276	1.90	ug/l	97
21) 2,2-Dichloropropane	4.674	77	11765	1.96	ug/l	98
22) cis-1,2-Dichloroethene	4.681	96	6931	1.98	ug/l	99
23) Diethyl Ether	2.385	59	4914	2.05	ug/l	96
24) tert-Butyl Alcohol	3.211	59	3851	21.55	ug/l #	92
25) Methyl tert-Butyl Ether	3.379	73	17412	2.00	ug/l	100
26) Bromochloromethane	4.986	128	3197	2.01	ug/l	96
27) Chloroform	5.099	83	12720	2.04	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	11429	1.98	ug/l	98
29) 1,1-Dichloropropene	5.533	75	10319	1.93	ug/l	98
30) Carbon Tetrachloride	5.530	117	10548	1.94	ug/l	95
31) Isopropyl Ether	4.012	45	22979	1.96	ug/l	95
32) Ethyl-t-butyl ether	4.523	59	20966	1.99	ug/l	99
33) Tert-Amyl methyl ether	5.961	73	19613	1.99	ug/l	100
34) Propionitrile	4.803	54	2775	11.09	ug/l #	90
35) Benzene	5.784	78	27623	1.94	ug/l	98
36) 1,2-Dichloroethane	5.806	62	10435	2.03	ug/l	99
37) Trichloroethene	6.549	130	7470	1.96	ug/l	98
38) 1,2-Dichloropropane	6.803	63	7709	1.99	ug/l	99
39) Methacrylonitrile	4.996	41	3051m	2.09	ug/l	
40) Methyl acrylate	4.867	55	4128	2.09	ug/l #	92
41) Tetrahydrofuran	5.083	42	2903m	4.64	ug/l	
42) 1-Chlorobutane	5.465	56	15581	2.00	ug/l	96
43) Dibromomethane	6.928	93	4083	2.01	ug/l	99
44) Bromodichloromethane	7.118	83	9773	1.97	ug/l	99

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45) 4-Methyl-2-Pentanone	7.813	43	34278	10.17	ug/l	99
46) t-1,4-Dichloro-2-butene	10.845	75	4761m	4.40	ug/l	
47) Methyl methacrylate	6.977	69	8807	4.20	ug/l	96
48) Ethyl methacrylate	8.350	69	8701	1.96	ug/l	99
49) Toluene	7.980	92	16935	1.91	ug/l	96
50) t-1,3-Dichloropropene	8.221	75	9813	1.93	ug/l	97
51) cis-1,3-Dichloropropene	7.620	75	11398	2.00	ug/l	98
52) 1,1,2-Trichloroethane	8.411	97	5578	2.01	ug/l	98
53) 1,3-Dichloropropane	8.587	76	10017	1.99	ug/l	98
54) 2-Hexanone	8.703	43	25230	10.33	ug/l	99
55) Dibromochloromethane	8.819	129	6362	1.90	ug/l	100
56) 1,2-Dibromoethane	8.935	107	5540	2.01	ug/l	93
58) Tetrachloroethene	8.559	164	6743	2.02	ug/l	97
59) Chlorobenzene	9.456	112	18812	1.96	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.542	131	6959	1.93	ug/l	99
61) Pentachloroethane	11.436	117	5398	1.90	ug/l	100
62) Hexachloroethane	12.484	117	5434	1.93	ug/l	96
63) Ethyl Benzene	9.578	91	34153	1.96	ug/l	99
64) m/p-Xylenes	9.703	106	25848	3.98	ug/l	99
65) o-Xylene	10.108	106	12348	1.93	ug/l	99
66) Styrene	10.124	104	20566	1.92	ug/l	99
67) Bromoform	10.301	173	4239	2.02	ug/l	96
69) Isopropylbenzene	10.494	105	34263	1.99	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.793	83	7598	2.08	ug/l	98
71) 1,2,3-Trichloropropane	10.835	75	4782m	1.66	ug/l	
72) Bromobenzene	10.790	156	8520	1.96	ug/l	98
73) n-propylbenzene	10.912	120	8918	1.94	ug/l	96
74) 2-Chlorotoluene	10.992	126	8028	1.96	ug/l	92
75) 1,3,5-Trimethylbenzene	11.095	105	29017	1.94	ug/l	99
76) 4-Chlorotoluene	11.105	126	8032	1.94	ug/l	92
77) tert-Butylbenzene	11.430	119	29432	1.99	ug/l	98
78) 1,2,4-Trimethylbenzene	11.475	105	30224	2.01	ug/l	98
79) sec-Butylbenzene	11.652	105	37064	1.94	ug/l	99
80) Nitrobenzene	13.227	77	972	9.51	ug/l #	81
81) p-Isopropyltoluene	11.803	119	32145	1.98	ug/l	99
82) 1,3-Dichlorobenzene	11.755	146	15885	1.94	ug/l	99
83) 1,4-Dichlorobenzene	11.845	146	16225	1.96	ug/l	100
84) n-Butylbenzene	12.218	91	29430	1.90	ug/l	99
85) 1,2-Dichlorobenzene	12.221	146	15713	1.97	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1449	1.94	ug/l	98
87) 1,2,4-Trichlorobenzene	13.851	180	11687	1.90	ug/l	98
88) Hexachlorobutadiene	14.031	225	6795	1.96	ug/l	97
89) Naphthalene	14.098	128	21460	1.87	ug/l	98
90) 1,2,3-Trichlorobenzene	14.340	180	10950	1.96	ug/l	96

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

