Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070821\
Data File : VU044328.D
Acq On : 08 Jul 2021 17:33
Operator : SY/MD
Sample : VU0708WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 09 05:40:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 08 15:34:52 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0708WBS01

Manual Integrations APPROVED
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7/13/2021 4:04:18 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	25284	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	10608	0.947	ug/l	0.00
Spiked Amount 1.000			Recovery =	95.000%		
68) 1,2-Dichlorobenzene-d4	12.201	152	10752	0.963	ug/l	0.00
Spiked Amount 1.000			Recovery =	96.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	15308	1.748	ug/l	93
3) Chloromethane	1.527	50	16681	1.978	ug/l	100
4) Vinyl Chloride	1.610	62	16595	1.872	ug/l	96
5) Bromomethane	1.864	94	11527	2.183	ug/l	96
6) Chloroethane	1.941	64	11878	2.007	ug/l	99
7) Trichlorofluoromethane	2.147	101	25433	1.894	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	13834	1.788	ug/l	97
9) 1,1-Dichloroethene	2.588	96	13173	1.948	ug/l	98
10) Iodomethane	2.732	142	13335	1.872	ug/l	97
11) Allyl Chloride	2.932	41	22739	1.892	ug/l	99
12) Acrylonitrile	3.327	53	7196	4.753	ug/l #	79
13) Acetone	2.639	43	7855	7.821	ug/l	98
14) Carbon Disulfide	2.803	76	33678	1.841	ug/l	95
15) Methylene Chloride	3.054	84	21299	1.836	ug/l	99
16) trans-1,2-Dichloroethene	3.362	96	14284	1.909	ug/l	98
17) 1,1-Dichloroethane	3.880	63	29785	1.972	ug/l	98
18) 2-Butanone	4.739	43	19135	9.708	ug/l	93
19) Cyclohexane	5.388	56	25085m	2.074	ug/l	
20) Methylcyclohexane	6.767	83	20828	1.677	ug/l	97
21) 2,2-Dichloropropane	4.674	77	27834	1.893	ug/l	98
22) cis-1,2-Dichloroethene	4.674	96	16911	1.917	ug/l	98
23) Diethyl Ether	2.385	59	10817	1.918	ug/l	95
24) tert-Butyl Alcohol	3.205	59	8128m	18.742	ug/l	
25) Methyl tert-Butyl Ether	3.382	73	41114	1.980	ug/l	99
26) Bromochloromethane	4.986	128	7472	1.937	ug/l	96
27) Chloroform	5.099	83	30950	1.937	ug/l	98
28) 1,1,1-Trichloroethane	5.324	97	27153	1.925	ug/l	98
29) 1,1-Dichloropropene	5.533	75	19049	1.850	ug/l	98
30) Carbon Tetrachloride	5.530	117	19728	1.817	ug/l	98
31) Isopropyl Ether	4.015	45	51538	1.993	ug/l	98
32) Ethyl-t-butyl ether	4.523	59	47540	1.906	ug/l	97
33) Tert-Amyl methyl ether	5.960	73	36085	1.792	ug/l	99
34) Propionitrile	4.800	54	4697	9.401	ug/l #	82
35) Benzene	5.780	78	53607	1.882	ug/l	99
36) 1,2-Dichloroethane	5.806	62	17420	1.873	ug/l	99
37) Trichloroethene	6.549	130	14408	1.814	ug/l	99
38) 1,2-Dichloropropane	6.803	63	14690	1.854	ug/l	99
39) Methacrylonitrile	4.999	41	5765	1.855	ug/l	93
40) Methyl acrylate	4.867	55	8618	1.992	ug/l	96
41) Tetrahydrofuran	5.083	42	5200	4.018	ug/l	95
42) 1-Chlorobutane	5.465	56	26386	1.853	ug/l	97
43) Dibromomethane	6.928	93	8252	1.975	ug/l	97
44) Bromodichloromethane	7.115	83	19888	1.876	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	56182	9.399	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	8809m	3.764	ug/l	
47) Methyl methacrylate	6.976	69	16710	3.906	ug/l	97
48) Ethyl methacrylate	8.346	69	17237	1.884	ug/l	99
49) Toluene	7.976	92	34847	1.862	ug/l	100
50) t-1,3-Dichloropropene	8.221	75	19773	1.833	ug/l	100
51) cis-1,3-Dichloropropene	7.616	75	22023	1.798	ug/l	99
52) 1,1,2-Trichloroethane	8.410	97	11803	2.036	ug/l	98
53) 1,3-Dichloropropane	8.584	76	20370	1.912	ug/l	100
54) 2-Hexanone	8.703	43	39189	9.011	ug/l	99
55) Dibromochloromethane	8.819	129	13597	1.822	ug/l	98
56) 1,2-Dibromoethane	8.935	107	10919	1.884	ug/l	99
58) Tetrachloroethene	8.558	164	13377	1.825	ug/l	98
59) Chlorobenzene	9.455	112	39854	1.883	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.542	131	14329	1.809	ug/l	99
61) Pentachloroethane	11.433	117	10587	1.767	ug/l	99
62) Hexachloroethane	12.484	117	10924	1.608	ug/l	97
63) Ethyl Benzene	9.578	91	67776	1.810	ug/l	100
64) m/p-Xylenes	9.700	106	52722	3.625	ug/l	100
65) o-Xylene	10.108	106	25526	1.796	ug/l	98
66) Styrene	10.121	104	44246	1.813	ug/l	99
67) Bromoform	10.298	173	7587	1.760	ug/l	94
69) Isopropylbenzene	10.491	105	70165	1.805	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	14841	1.907	ug/l	99
71) 1,2,3-Trichloropropane	10.835	75	11147m	1.815	ug/l	
72) Bromobenzene	10.790	156	16684	1.840	ug/l	97
73) n-propylbenzene	10.912	120	18527	1.738	ug/l	99
74) 2-Chlorotoluene	10.992	126	16358	1.780	ug/l	99
75) 1,3,5-Trimethylbenzene	11.095	105	58177	1.748	ug/l	97
76) 4-Chlorotoluene	11.105	126	17292	1.789	ug/l	88
77) tert-Butylbenzene	11.426	119	59363	1.774	ug/l	100
78) 1,2,4-Trimethylbenzene	11.475	105	58487	1.737	ug/l	98
79) sec-Butylbenzene	11.648	105	77420	1.747	ug/l	99
80) Nitrobenzene	13.217	77	1743m	5.462	ug/l	
81) p-Isopropyltoluene	11.799	119	63462	1.691	ug/l	99
82) 1,3-Dichlorobenzene	11.754	146	33997	1.840	ug/l	98
83) 1,4-Dichlorobenzene	11.844	146	32751	1.783	ug/l	99
84) n-Butylbenzene	12.214	91	57974	1.614	ug/l	99
85) 1,2-Dichlorobenzene	12.221	146	32199	1.837	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	2635	1.778	ug/l	98
87) 1,2,4-Trichlorobenzene	13.848	180	21162	1.684	ug/l	97
88) Hexachlorobutadiene	14.028	225	10558	1.638	ug/l	99
89) Naphthalene	14.095	128	40856	1.697	ug/l	100
90) 1,2,3-Trichlorobenzene	14.336	180	20046	1.806	ug/l	99

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

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