Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070721\
Data File : VU044319.D
Acq On : 07 Jul 2021 17:02
Operator : SY/MD
Sample : VU0707WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 08 08:44:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 08 08:40:55 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.124	96	26021	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	11466	0.995	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	11961	1.041	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	16783	1.862	ug/l	98
3) Chloromethane	1.527	50	16523	1.904	ug/l	98
4) Vinyl Chloride	1.610	62	17161	1.881	ug/l	98
5) Bromomethane	1.864	94	11531	2.122	ug/l	97
6) Chloroethane	1.944	64	11710	1.923	ug/l	98
7) Trichlorofluoromethane	2.147	101	26366	1.908	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	15333	1.925	ug/l	99
9) 1,1-Dichloroethene	2.591	96	13335	1.917	ug/l	96
10) Iodomethane	2.732	142	9824	1.590	ug/l	98
11) Allyl Chloride	2.935	41	23509	1.901	ug/l	99
12) Acrylonitrile	3.327	53	5788	3.715	ug/l	95
13) Acetone	2.639	43	8295	8.025	ug/l	97
14) Carbon Disulfide	2.803	76	36130	1.919	ug/l	98
15) Methylene Chloride	3.057	84	17548	1.302	ug/l	98
16) trans-1,2-Dichloroethene	3.362	96	14477	1.880	ug/l	97
17) 1,1-Dichloroethane	3.880	63	29711	1.911	ug/l	99
18) 2-Butanone	4.735	43	16901	8.332	ug/l	95
19) Cyclohexane	5.391	56	24137	1.939	ug/l	99
20) Methylcyclohexane	6.767	83	23745	1.857	ug/l	98
21) 2,2-Dichloropropane	4.678	77	28611	1.891	ug/l	100
22) cis-1,2-Dichloroethene	4.678	96	17488	1.927	ug/l	96
23) Diethyl Ether	2.385	59	10729	1.849	ug/l	92
24) tert-Butyl Alcohol	3.208	59	5029	11.116	ug/l #	94
25) Methyl tert-Butyl Ether	3.379	73	39475	1.847	ug/l	99
26) Bromochloromethane	4.983	128	7345	1.850	ug/l	97
27) Chloroform	5.102	83	31110	1.892	ug/l	97
28) 1,1,1-Trichloroethane	5.324	97	28006	1.929	ug/l	99
29) 1,1-Dichloropropene	5.533	75	20530	1.937	ug/l	100
30) Carbon Tetrachloride	5.530	117	21172	1.894	ug/l	99
31) Isopropyl Ether	4.015	45	49442	1.858	ug/l	97
32) Ethyl-t-butyl ether	4.523	59	48243	1.879	ug/l	97
33) Tert-Amyl methyl ether	5.960	73	37565	1.813	ug/l	99
34) Propionitrile	4.800	54	4371	8.501	ug/l #	82
35) Benzene	5.780	78	56486	1.927	ug/l	99
36) 1,2-Dichloroethane	5.806	62	17747	1.854	ug/l	100
37) Trichloroethene	6.549	130	15219	1.862	ug/l	96
38) 1,2-Dichloropropane	6.803	63	15234	1.868	ug/l	100
39) Methacrylonitrile	4.996	41	5176	1.619	ug/l #	86
40) Methyl acrylate	4.864	55	8942	2.009	ug/l	96
41) Tetrahydrofuran	5.083	42	4928	3.700	ug/l #	93
42) 1-Chlorobutane	5.465	56	27734	1.893	ug/l	98
43) Dibromomethane	6.928	93	8186	1.904	ug/l	98
44) Bromodichloromethane	7.115	83	20305	1.861	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	55345	8.997	ug/l		100
46) t-1,4-Dichloro-2-butene	10.841	75	8897m	3.694	ug/l		
47) Methyl methacrylate	6.980	69	16083	3.653	ug/l		99
48) Ethyl methacrylate	8.346	69	16710	1.774	ug/l		99
49) Toluene	7.976	92	35862	1.862	ug/l		99
50) t-1,3-Dichloropropene	8.221	75	19936	1.796	ug/l		93
51) cis-1,3-Dichloropropene	7.616	75	22668	1.798	ug/l		98
52) 1,1,2-Trichloroethane	8.410	97	11023	1.848	ug/l		95
53) 1,3-Dichloropropane	8.587	76	20393	1.860	ug/l		98
54) 2-Hexanone	8.703	43	38981	8.709	ug/l		99
55) Dibromochloromethane	8.819	129	13953	1.817	ug/l		99
56) 1,2-Dibromoethane	8.935	107	10926	1.832	ug/l		100
58) Tetrachloroethene	8.558	164	14097	1.868	ug/l		98
59) Chlorobenzene	9.455	112	40748	1.871	ug/l		96
60) 1,1,1,2-Tetrachloroethane	9.542	131	14948	1.834	ug/l		99
61) Pentachloroethane	11.433	117	11392	1.847	ug/l		99
62) Hexachloroethane	12.481	117	12252	1.752	ug/l		96
63) Ethyl Benzene	9.578	91	72417	1.879	ug/l		100
64) m/p-Xylenes	9.700	106	56992	3.808	ug/l		97
65) o-Xylene	10.108	106	27604	1.887	ug/l		98
66) Styrene	10.121	104	45868	1.826	ug/l		99
67) Bromoform	10.298	173	8250	1.860	ug/l		98
69) Isopropylbenzene	10.491	105	75004	1.875	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.790	83	14177	1.770	ug/l		97
71) 1,2,3-Trichloropropane	10.832	75	11066m	1.751	ug/l		
72) Bromobenzene	10.790	156	17572	1.883	ug/l		99
73) n-propylbenzene	10.912	120	21018	1.916	ug/l		99
74) 2-Chlorotoluene	10.992	126	17619	1.863	ug/l		97
75) 1,3,5-Trimethylbenzene	11.095	105	63345	1.849	ug/l		97
76) 4-Chlorotoluene	11.105	126	18933	1.904	ug/l		94
77) tert-Butylbenzene	11.426	119	63483	1.844	ug/l		99
78) 1,2,4-Trimethylbenzene	11.475	105	62817	1.813	ug/l		98
79) sec-Butylbenzene	11.652	105	85047	1.865	ug/l		100
80) Nitrobenzene	13.214	77	2416	7.357	ug/l	#	88
81) p-Isopropyltoluene	11.799	119	71529	1.852	ug/l		100
82) 1,3-Dichlorobenzene	11.751	146	36006	1.893	ug/l		99
83) 1,4-Dichlorobenzene	11.841	146	35900	1.899	ug/l		98
84) n-Butylbenzene	12.214	91	67395	1.823	ug/l		99
85) 1,2-Dichlorobenzene	12.221	146	34459	1.911	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	2762	1.810	ug/l		96
87) 1,2,4-Trichlorobenzene	13.848	180	23782	1.839	ug/l		98
88) Hexachlorobutadiene	14.028	225	12612	1.901	ug/l		98
89) Naphthalene	14.095	128	42027	1.726	ug/l		99
90) 1,2,3-Trichlorobenzene	14.336	180	21164	1.852	ug/l		98

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

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