Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070821\
Data File : VU044335.D
Acq On : 08 Jul 2021 21:34
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 09 05:41:51 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 :
VSTDCCC010EC

Manual Integrations APPROVED
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7/13/2021 4:05:03 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	25126	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	10488	0.942	ug/l	0.00
Spiked Amount 1.000			Recovery = 94.000%			
68) 1,2-Dichlorobenzene-d4	12.201	152	10747	0.969	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	88241	10.141	ug/l	98
3) Chloromethane	1.526	50	86075	10.270	ug/l	100
4) Vinyl Chloride	1.610	62	94154	10.688	ug/l	100
5) Bromomethane	1.864	94	53983	10.287	ug/l	100
6) Chloroethane	1.941	64	62155	10.570	ug/l	97
7) Trichlorofluoromethane	2.147	101	142375	10.667	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	81308	10.574	ug/l	98
9) 1,1-Dichloroethene	2.587	96	70948	10.560	ug/l	94
10) Iodomethane	2.732	142	96436	13.623	ug/l	99
11) Allyl Chloride	2.932	41	119811	10.034	ug/l	98
12) Acrylonitrile	3.330	53	29049	19.308	ug/l	99
13) Acetone	2.636	43	42042	42.124	ug/l	98
14) Carbon Disulfide	2.803	76	186076	10.236	ug/l	99
15) Methylene Chloride	3.054	84	93867	11.036	ug/l	100
16) trans-1,2-Dichloroethene	3.362	96	77585	10.432	ug/l	99
17) 1,1-Dichloroethane	3.880	63	159862	10.650	ug/l	100
18) 2-Butanone	4.732	43	93745	47.861	ug/l	98
19) Cyclohexane	5.388	56	138180m	11.496	ug/l	
20) Methylcyclohexane	6.767	83	126437	10.242	ug/l	99
21) 2,2-Dichloropropane	4.674	77	134350	9.195	ug/l	100
22) cis-1,2-Dichloroethene	4.677	96	92231	10.523	ug/l	96
23) Diethyl Ether	2.385	59	59403	10.600	ug/l	98
24) tert-Butyl Alcohol	3.205	59	46909	108.845	ug/l	97
25) Methyl tert-Butyl Ether	3.378	73	218296	10.579	ug/l	99
26) Bromochloromethane	4.986	128	40647	10.601	ug/l	99
27) Chloroform	5.099	83	163799	10.318	ug/l	98
28) 1,1,1-Trichloroethane	5.324	97	147682	10.536	ug/l	99
29) 1,1-Dichloropropene	5.533	75	104071	10.171	ug/l	99
30) Carbon Tetrachloride	5.529	117	110358	10.226	ug/l	100
31) Isopropyl Ether	4.015	45	275545	10.721	ug/l	99
32) Ethyl-t-butyl ether	4.523	59	271049	10.933	ug/l	97
33) Tert-Amyl methyl ether	5.960	73	212373	10.614	ug/l	99
34) Propionitrile	4.800	54	24762	49.874	ug/l #	97
35) Benzene	5.780	78	297082	10.497	ug/l	99
36) 1,2-Dichloroethane	5.806	62	99338	10.750	ug/l	100
37) Trichloroethene	6.549	130	81754	10.359	ug/l	99
38) 1,2-Dichloropropane	6.803	63	82794	10.513	ug/l	100
39) Methacrylonitrile	4.993	41	32170	10.419	ug/l	96
40) Methyl acrylate	4.864	55	47046	10.945	ug/l	97
41) Tetrahydrofuran	5.079	42	28023	21.788	ug/l	96
42) 1-Chlorobutane	5.465	56	145761	10.301	ug/l	98
43) Dibromomethane	6.928	93	43472	10.470	ug/l	99
44) Bromodichloromethane	7.118	83	107800	10.233	ug/l	98

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Quant Time: Jul 09 05:41:51 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
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	312691	52.641	ug/l		99
46) t-1,4-Dichloro-2-butene	10.841	75	48919m	21.032	ug/l		
47) Methyl methacrylate	6.976	69	90508	21.290	ug/l		99
48) Ethyl methacrylate	8.346	69	93158	10.244	ug/l		99
49) Toluene	7.976	92	194472	10.458	ug/l		99
50) t-1,3-Dichloropropene	8.221	75	107841	10.059	ug/l		97
51) cis-1,3-Dichloropropene	7.616	75	122539	10.066	ug/l		98
52) 1,1,2-Trichloroethane	8.410	97	62128	10.784	ug/l		99
53) 1,3-Dichloropropane	8.584	76	111433	10.527	ug/l		99
54) 2-Hexanone	8.700	43	218626	50.586	ug/l		99
55) Dibromochloromethane	8.819	129	77158	10.404	ug/l		99
56) 1,2-Dibromoethane	8.934	107	60659	10.534	ug/l		100
58) Tetrachloroethene	8.558	164	76819	10.543	ug/l		98
59) Chlorobenzene	9.455	112	219088	10.417	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.542	131	81580	10.364	ug/l		99
61) Pentachloroethane	11.436	117	61152	10.269	ug/l		96
62) Hexachloroethane	12.481	117	68492	10.143	ug/l		99
63) Ethyl Benzene	9.578	91	387814	10.420	ug/l		99
64) m/p-Xylenes	9.700	106	301131	20.837	ug/l		99
65) o-Xylene	10.108	106	148650	10.525	ug/l		99
66) Styrene	10.121	104	254486	10.495	ug/l		99
67) Bromoform	10.298	173	43381	10.129	ug/l		98
69) Isopropylbenzene	10.491	105	400383	10.364	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.790	83	81002	10.472	ug/l		97
71) 1,2,3-Trichloropropane	10.835	75	60060m	9.841	ug/l		
72) Bromobenzene	10.790	156	93730	10.402	ug/l		99
73) n-propylbenzene	10.912	120	110605	10.443	ug/l		98
74) 2-Chlorotoluene	10.992	126	93338	10.221	ug/l		99
75) 1,3,5-Trimethylbenzene	11.095	105	346686	10.483	ug/l		100
76) 4-Chlorotoluene	11.105	126	99240	10.334	ug/l		97
77) tert-Butylbenzene	11.426	119	343220	10.324	ug/l		99
78) 1,2,4-Trimethylbenzene	11.475	105	351780	10.514	ug/l		99
79) sec-Butylbenzene	11.651	105	459359	10.431	ug/l		100
80) Nitrobenzene	13.214	77	11142	35.135	ug/l	#	96
81) p-Isopropyltoluene	11.799	119	395259	10.600	ug/l		99
82) 1,3-Dichlorobenzene	11.751	146	186614	10.162	ug/l		99
83) 1,4-Dichlorobenzene	11.841	146	187374	10.267	ug/l		98
84) n-Butylbenzene	12.214	91	368985	10.336	ug/l		99
85) 1,2-Dichlorobenzene	12.217	146	181854	10.443	ug/l		100
86) 1,2-Dibromo-3-Chloropr...	13.002	75	15532	10.543	ug/l		97
87) 1,2,4-Trichlorobenzene	13.847	180	125854	10.080	ug/l		99
88) Hexachlorobutadiene	14.028	225	64996	10.144	ug/l		99
89) Naphthalene	14.092	128	243198	10.167	ug/l		100
90) 1,2,3-Trichlorobenzene	14.336	180	114160	10.348	ug/l		99

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

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