Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070821\
Data File : VU044326.D
Acq On : 08 Jul 2021 16:07
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 09 05:39:46 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 :
VSTDCCC010

Manual Integrations APPROVED
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7/13/2021 4:04:14 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	30299	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	13108	0.977	ug/l	0.00
Spiked Amount 1.000			Recovery =	98.000%		
68) 1,2-Dichlorobenzene-d4	12.201	152	12138	0.907	ug/l	0.00
Spiked Amount 1.000			Recovery =	91.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	89166	8.498	ug/l	99
3) Chloromethane	1.523	50	86039	8.513	ug/l	100
4) Vinyl Chloride	1.610	62	94127	8.861	ug/l	99
5) Bromomethane	1.864	94	55374	8.751	ug/l	99
6) Chloroethane	1.941	64	61423	8.662	ug/l	99
7) Trichlorofluoromethane	2.147	101	143405	8.910	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	83655	9.021	ug/l	99
9) 1,1-Dichloroethene	2.588	96	72256	8.919	ug/l	98
10) Iodomethane	2.732	142	78995	9.254	ug/l	100
11) Allyl Chloride	2.932	41	125133	8.690	ug/l	99
12) Acrylonitrile	3.330	53	27717	15.278	ug/l	97
13) Acetone	2.636	43	48490	40.289	ug/l	99
14) Carbon Disulfide	2.803	76	188609	8.604	ug/l	98
15) Methylene Chloride	3.054	84	92323	8.846	ug/l	99
16) trans-1,2-Dichloroethene	3.362	96	77533	8.645	ug/l	99
17) 1,1-Dichloroethane	3.880	63	160756	8.881	ug/l	99
18) 2-Butanone	4.732	43	95057	40.245	ug/l	96
19) Cyclohexane	5.388	56	133431m	9.206	ug/l	
20) Methylcyclohexane	6.768	83	130027	8.735	ug/l	99
21) 2,2-Dichloropropane	4.674	77	154033	8.742	ug/l	100
22) cis-1,2-Dichloroethene	4.678	96	92834	8.784	ug/l	99
23) Diethyl Ether	2.385	59	60356	8.931	ug/l	98
24) tert-Butyl Alcohol	3.205	59	40512m	77.953	ug/l	
25) Methyl tert-Butyl Ether	3.379	73	216147	8.686	ug/l	99
26) Bromochloromethane	4.986	128	39136	8.464	ug/l	98
27) Chloroform	5.099	83	166897	8.718	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	148136	8.764	ug/l	99
29) 1,1-Dichloropropene	5.530	75	105507	8.551	ug/l	99
30) Carbon Tetrachloride	5.530	117	114969	8.835	ug/l	100
31) Isopropyl Ether	4.012	45	274398	8.854	ug/l	98
32) Ethyl-t-butyl ether	4.523	59	271786	9.091	ug/l	96
33) Tert-Amyl methyl ether	5.960	73	214951	8.908	ug/l	99
34) Propionitrile	4.803	54	22665	37.857	ug/l #	97
35) Benzene	5.780	78	301305	8.829	ug/l	99
36) 1,2-Dichloroethane	5.806	62	98157	8.809	ug/l	99
37) Trichloroethene	6.549	130	83257	8.748	ug/l	99
38) 1,2-Dichloropropane	6.803	63	83039	8.744	ug/l	99
39) Methacrylonitrile	4.996	41	31431	8.441	ug/l	98
40) Methyl acrylate	4.864	55	49436m	9.538	ug/l	
41) Tetrahydrofuran	5.079	42	26133	16.849	ug/l	97
42) 1-Chlorobutane	5.465	56	148898	8.726	ug/l	99
43) Dibromomethane	6.928	93	43680	8.724	ug/l	98
44) Bromodichloromethane	7.118	83	111348	8.765	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	303564	42.380	ug/l		100
46) t-1,4-Dichloro-2-butene	10.845	75	51337m	18.303	ug/l		
47) Methyl methacrylate	6.976	69	89463	17.451	ug/l		99
48) Ethyl methacrylate	8.346	69	93666	8.541	ug/l		99
49) Toluene	7.976	92	197745	8.819	ug/l		100
50) t-1,3-Dichloropropene	8.221	75	112094	8.671	ug/l		97
51) cis-1,3-Dichloropropene	7.616	75	129008	8.788	ug/l		98
52) 1,1,2-Trichloroethane	8.411	97	61610	8.868	ug/l		98
53) 1,3-Dichloropropane	8.584	76	111171	8.709	ug/l		100
54) 2-Hexanone	8.700	43	220605	42.329	ug/l		99
55) Dibromochloromethane	8.819	129	79891	8.933	ug/l		100
56) 1,2-Dibromoethane	8.935	107	60823	8.759	ug/l		100
58) Tetrachloroethene	8.558	164	78164	8.896	ug/l		97
59) Chlorobenzene	9.452	112	224859	8.866	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.542	131	83249	8.770	ug/l		100
61) Pentachloroethane	11.436	117	62296	8.675	ug/l		99
62) Hexachloroethane	12.481	117	71195	8.743	ug/l		99
63) Ethyl Benzene	9.578	91	396880	8.843	ug/l		100
64) m/p-Xylenes	9.700	106	307387	17.638	ug/l		99
65) o-Xylene	10.108	106	151134	8.874	ug/l		98
66) Styrene	10.121	104	259150	8.862	ug/l		99
67) Bromoform	10.301	173	46382	8.981	ug/l		99
69) Isopropylbenzene	10.491	105	410582	8.813	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.790	83	80788	8.661	ug/l		98
71) 1,2,3-Trichloropropane	10.835	75	61396m	8.342	ug/l		
72) Bromobenzene	10.790	156	96802	8.908	ug/l		100
73) n-propylbenzene	10.912	120	112786	8.831	ug/l		99
74) 2-Chlorotoluene	10.992	126	94961	8.623	ug/l		100
75) 1,3,5-Trimethylbenzene	11.095	105	356110	8.929	ug/l		99
76) 4-Chlorotoluene	11.105	126	101614	8.774	ug/l		96
77) tert-Butylbenzene	11.426	119	352259	8.787	ug/l		100
78) 1,2,4-Trimethylbenzene	11.475	105	358126	8.876	ug/l		99
79) sec-Butylbenzene	11.652	105	474978	8.944	ug/l		99
80) Nitrobenzene	13.214	77	13286	34.743	ug/l	#	96
81) p-Isopropyltoluene	11.799	119	406028	9.030	ug/l		99
82) 1,3-Dichlorobenzene	11.751	146	194382	8.778	ug/l		100
83) 1,4-Dichlorobenzene	11.841	146	194021	8.816	ug/l		99
84) n-Butylbenzene	12.214	91	386830	8.986	ug/l		99
85) 1,2-Dichlorobenzene	12.217	146	182837	8.707	ug/l		100
86) 1,2-Dibromo-3-Chloropr...	13.002	75	15335	8.632	ug/l		99
87) 1,2,4-Trichlorobenzene	13.848	180	132323	8.789	ug/l		99
88) Hexachlorobutadiene	14.028	225	68909	8.919	ug/l		99
89) Naphthalene	14.092	128	246963	8.562	ug/l		100
90) 1,2,3-Trichlorobenzene	14.336	180	118087	8.877	ug/l		99

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

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