Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
Data File : VU045305.D
Acq On : 13 Oct 2021 12:54
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101321

Manual Integrations APPROVED
apatel
10/14/2021 2:37:02 PM

Quant Time: Oct 14 06:30:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 14 05:46:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	41589	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	16093	1.054	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	14589	1.020	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	96271	6.056	ug/l	100
3) Chloromethane	1.520	50	132983	8.030	ug/l	100
4) Vinyl Chloride	1.604	62	140515	8.182	ug/l	100
5) Bromomethane	1.858	94	87571	9.296	ug/l	97
6) Chloroethane	1.935	64	94391	8.481	ug/l	98
7) Trichlorofluoromethane	2.141	101	180612	9.027	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	108053	9.339	ug/l	100
9) 1,1-Dichloroethene	2.581	96	105637	9.771	ug/l	99
10) Iodomethane	2.726	142	116497	10.292	ug/l	99
11) Allyl Chloride	2.929	41	167404	10.550	ug/l	97
12) Acrylonitrile	3.327	53	125793	45.621	ug/l	90
13) Acetone	2.646	43	143113	43.506	ug/l	96
14) Carbon Disulfide	2.797	76	317335	9.620	ug/l	99
15) Methylene Chloride	3.051	84	127498	9.737	ug/l	99
16) trans-1,2-Dichloroethene	3.359	96	118896	10.231	ug/l	97
17) 1,1-Dichloroethane	3.877	63	226117	10.369	ug/l	99
18) 2-Butanone	4.716	43	164472	39.316	ug/l	100
19) Cyclohexane	5.395	56	204135m	10.119	ug/l	
20) Methylcyclohexane	6.768	83	211817	10.557	ug/l	99
21) 2,2-Dichloropropane	4.671	77	191184	10.317	ug/l	99
22) cis-1,2-Dichloroethene	4.671	96	136408	10.668	ug/l	99
23) Diethyl Ether	2.382	59	91779	8.970	ug/l	98
24) tert-Butyl Alcohol	3.215	59	37266	46.442	ug/l #	77
25) Methyl tert-Butyl Ether	3.372	73	298001	9.867	ug/l	99
26) Bromochloromethane	4.983	128	45661	8.363	ug/l	100
27) Chloroform	5.096	83	224764	10.073	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	189188	10.347	ug/l	99
29) 1,1-Dichloropropene	5.533	75	171399	10.254	ug/l	99
30) Carbon Tetrachloride	5.530	117	150179	10.594	ug/l	99
31) Isopropyl Ether	4.002	45	375969	10.894	ug/l #	1
34) Propionitrile	4.790	54	99651	95.734	ug/l #	91
35) Benzene	5.781	78	490613	10.153	ug/l	99
36) 1,2-Dichloroethane	5.800	62	150520	9.758	ug/l	100
37) Trichloroethene	6.549	130	120456	10.251	ug/l	98
38) 1,2-Dichloropropane	6.797	63	125277	9.993	ug/l	100
39) Methacrylonitrile	4.983	41	39898	9.677	ug/l	97
40) Methyl acrylate	4.851	55	72148	10.505	ug/l	98
41) Tetrahydrofuran	5.063	42	105285	44.663	ug/l	97
42) 1-Chlorobutane	5.465	56	245866	10.243	ug/l	99
43) Dibromomethane	6.922	93	63599	10.225	ug/l	99
44) Bromodichloromethane	7.112	83	165825	10.689	ug/l	98
45) 4-Methyl-2-Pentanone	7.800	43	392323	46.182	ug/l	99
46) t-1,4-Dichloro-2-butene	10.832	75	54840m	18.334	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Methyl methacrylate	6.967	69	61931	9.816	ug/l		97
48) Ethyl methacrylate	8.340	69	126989	10.188	ug/l		99
49) Toluene	7.973	92	310083	10.426	ug/l		100
50) t-1,3-Dichloropropene	8.214	75	164881	10.853	ug/l		99
51) cis-1,3-Dichloropropene	7.613	75	195929	11.039	ug/l		99
52) 1,1,2-Trichloroethane	8.404	97	89613	9.991	ug/l		98
53) 1,3-Dichloropropane	8.581	76	161138	9.642	ug/l		99
54) 2-Hexanone	8.690	43	295285	44.993	ug/l		99
55) Dibromochloromethane	8.816	129	96900	10.283	ug/l		100
56) 1,2-Dibromoethane	8.928	107	84924	10.058	ug/l		100
58) Tetrachloroethene	8.559	164	110067	10.391	ug/l		100
59) Chlorobenzene	9.452	112	314290	10.205	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.539	131	106011	10.346	ug/l		99
61) Pentachloroethane	11.433	117	83997	11.269	ug/l		100
62) Hexachloroethane	12.481	117	88528	11.302	ug/l		99
63) Ethyl Benzene	9.575	91	607006	10.963	ug/l		99
64) m/p-Xylenes	9.700	106	468715	22.314	ug/l		99
65) o-Xylene	10.105	106	226963	11.058	ug/l		100
66) Styrene	10.118	104	379643	11.318	ug/l		99
67) Bromoform	10.295	173	52457	10.635	ug/l		100
69) Isopropylbenzene	10.488	105	603111	11.192	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.787	83	111223	9.648	ug/l		99
71) 1,2,3-Trichloropropane	10.829	75	95418m	10.046	ug/l		
72) Bromobenzene	10.787	156	126821	10.654	ug/l		99
73) n-propylbenzene	10.912	120	163761	11.616	ug/l		99
74) 2-Chlorotoluene	10.989	126	134484	11.053	ug/l		98
75) 1,3,5-Trimethylbenzene	11.092	105	523399	11.644	ug/l		99
76) 4-Chlorotoluene	11.102	126	138609	11.137	ug/l		100
77) tert-Butylbenzene	11.423	119	485602	11.130	ug/l		100
78) 1,2,4-Trimethylbenzene	11.472	105	519999	11.330	ug/l		99
79) sec-Butylbenzene	11.648	105	677088	11.254	ug/l		99
80) Nitrobenzene	13.211	77	5364	16.345	ug/l	#	93
81) p-Isopropyltoluene	11.800	119	553257	11.466	ug/l		100
82) 1,3-Dichlorobenzene	11.751	146	260145	10.944	ug/l		99
83) 1,4-Dichlorobenzene	11.841	146	259904	11.055	ug/l		99
84) n-Butylbenzene	12.214	91	544842	11.850	ug/l		100
85) 1,2-Dichlorobenzene	12.218	146	239701	10.613	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	18809	9.821	ug/l		99
87) 1,2,4-Trichlorobenzene	13.844	180	161608	11.612	ug/l		100
88) Hexachlorobutadiene	14.028	225	74980	11.517	ug/l		99
89) Naphthalene	14.089	128	310808	11.364	ug/l		100
90) 1,2,3-Trichlorobenzene	14.333	180	143964	11.138	ug/l		99

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

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