Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090121\
Data File : VU044550.D
Acq On : 01 Sep 2021 15:01
Operator : SY/MD
Sample : M3604-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L41-083021MS

Manual Integrations APPROVED
MMDadoda
9/2/2021 2:03:49 PM

Quant Time: Sep 02 11:44:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 01:29:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	19068	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	7602	1.041	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	8967	1.059	ug/l	0.00
Spiked Amount 1.000			Recovery = 106.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	84796	11.118	ug/l	99
3) Chloromethane	1.523	50	89191	10.244	ug/l	99
4) Vinyl Chloride	1.607	62	107644	10.722	ug/l	95
5) Bromomethane	1.858	94	82495	10.218	ug/l	96
6) Chloroethane	1.938	64	84163	11.141	ug/l	100
7) Trichlorofluoromethane	2.144	101	174903	10.829	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	108213	11.052	ug/l	99
9) 1,1-Dichloroethene	2.588	96	96831	10.711	ug/l	97
10) Iodomethane	2.729	142	114116	10.461	ug/l	99
11) Allyl Chloride	2.929	41	106789	10.361	ug/l	98
12) Acrylonitrile	3.327	53	35121	21.526	ug/l	89
13) Acetone	2.633	43	57400	60.633	ug/l	100
14) Carbon Disulfide	2.800	76	288309	10.979	ug/l	99
15) Methylene Chloride	3.054	84	110208	7.820	ug/l	98
16) trans-1,2-Dichloroethene	3.359	96	106387	10.900	ug/l	99
17) 1,1-Dichloroethane	3.877	63	181278	11.035	ug/l	99
18) 2-Butanone	4.729	43	119010	66.756	ug/l	100
19) Cyclohexane	5.385	56	157764m	10.623	ug/l	
20) Methylcyclohexane	6.768	83	97322	11.270	ug/l	99
21) 2,2-Dichloropropane	4.671	77	155371	10.375	ug/l	100
22) cis-1,2-Dichloroethene	4.674	96	132609	11.900	ug/l	99
23) Diethyl Ether	2.382	59	66678	10.391	ug/l	98
24) tert-Butyl Alcohol	3.199	59	59133	175.580	ug/l #	95
25) Methyl tert-Butyl Ether	3.379	73	244867	10.985	ug/l	99
26) Bromochloromethane	4.983	128	58428	11.117	ug/l	100
27) Chloroform	5.096	83	205785	10.727	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	180618	11.006	ug/l	100
29) 1,1-Dichloropropene	5.530	75	77473	10.750	ug/l	99
30) Carbon Tetrachloride	5.526	117	80936	11.313	ug/l	100
31) Isopropyl Ether	4.012	45	252415	10.887	ug/l	98
32) Ethyl-t-butyl ether	4.523	59	277378	10.903	ug/l	99
33) Tert-Amyl methyl ether	5.957	73	136166	11.100	ug/l	100
34) Propionitrile	4.797	54	47387	96.620	ug/l #	95
35) Benzene	5.777	78	228044	11.016	ug/l	98
36) 1,2-Dichloroethane	5.803	62	75074	11.112	ug/l	98
37) Trichloroethene	6.549	130	68367	11.455	ug/l	100
38) 1,2-Dichloropropane	6.800	63	58462	11.209	ug/l	97
39) Methacrylonitrile	4.993	41	31397	11.419	ug/l	96
40) Methyl acrylate	4.861	55	50429	11.273	ug/l #	96
41) Tetrahydrofuran	5.080	42	35199	26.268	ug/l	93
42) 1-Chlorobutane	5.462	56	100170	10.797	ug/l	100
43) Dibromomethane	6.925	93	35426	11.094	ug/l	97
44) Bromodichloromethane	7.115	83	82785	11.229	ug/l	97

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Quant Time: Sep 02 11:44:51 2021
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 01:29:46 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	172383	52.735	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	26933m	19.513	ug/l	
47) Methyl methacrylate	6.977	69	59026	22.252	ug/l	99
48) Ethyl methacrylate	8.343	69	57123	10.611	ug/l	99
49) Toluene	7.973	92	154742	11.325	ug/l	100
50) t-1,3-Dichloropropene	8.218	75	71788	11.083	ug/l	99
51) cis-1,3-Dichloropropene	7.616	75	82761	11.215	ug/l	99
52) 1,1,2-Trichloroethane	8.411	97	48867	10.757	ug/l	99
53) 1,3-Dichloropropane	8.584	76	82465	10.580	ug/l	100
54) 2-Hexanone	8.700	43	123624	53.178	ug/l	100
55) Dibromochloromethane	8.819	129	57373	11.147	ug/l	99
56) 1,2-Dibromoethane	8.931	107	48333	10.828	ug/l	98
58) Tetrachloroethene	8.559	164	60188	10.695	ug/l	98
59) Chlorobenzene	9.452	112	172441	11.133	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.542	131	62346	11.240	ug/l	99
61) Pentachloroethane	11.433	117	55818	12.687	ug/l	99
62) Hexachloroethane	12.481	117	51690	11.661	ug/l	98
63) Ethyl Benzene	9.575	91	298218	11.645	ug/l	99
64) m/p-Xylenes	9.700	106	244578	23.802	ug/l	100
65) o-Xylene	10.105	106	115866	11.642	ug/l	100
66) Styrene	10.121	104	201291	11.959	ug/l	100
67) Bromoform	10.298	173	32330	11.132	ug/l	98
69) Isopropylbenzene	10.491	105	305952	11.791	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	66303	10.846	ug/l	99
71) 1,2,3-Trichloropropane	10.832	75	40642m	9.325	ug/l	
72) Bromobenzene	10.787	156	75803	11.375	ug/l	99
73) n-propylbenzene	10.912	120	86594	11.947	ug/l	99
74) 2-Chlorotoluene	10.993	126	74872	11.517	ug/l	100
75) 1,3,5-Trimethylbenzene	11.092	105	268467	11.921	ug/l	100
76) 4-Chlorotoluene	11.102	126	81222	11.749	ug/l	100
77) tert-Butylbenzene	11.427	119	266965	11.904	ug/l	99
78) 1,2,4-Trimethylbenzene	11.472	105	273508	11.907	ug/l	99
79) sec-Butylbenzene	11.648	105	359382	11.813	ug/l	100
80) Nitrobenzene	13.211	77	8466	59.781	ug/l	95
81) p-Isopropyltoluene	11.800	119	304406	12.204	ug/l	100
82) 1,3-Dichlorobenzene	11.751	146	153737	11.511	ug/l	98
83) 1,4-Dichlorobenzene	11.841	146	155071	11.539	ug/l	99
84) n-Butylbenzene	12.214	91	293679	12.398	ug/l	100
85) 1,2-Dichlorobenzene	12.218	146	151022	11.262	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	13.002	75	10600	11.678	ug/l	95
87) 1,2,4-Trichlorobenzene	13.844	180	100989	12.037	ug/l	99
88) Hexachlorobutadiene	14.028	225	53943	11.566	ug/l	99
89) Naphthalene	14.092	128	186064	11.365	ug/l	99
90) 1,2,3-Trichlorobenzene	14.336	180	96267	11.855	ug/l	97

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

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