Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090121\
Data File : VU044551.D
Acq On : 01 Sep 2021 15:31
Operator : SY/MD
Sample : M3604-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
9/2/2021 2:03:52 PM

Quant Time: Sep 02 11:45:27 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	6.118	96	19734	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	7448	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	8732	0.996	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	77719	9.846	ug/l	98
3) Chloromethane	1.523	50	82480	9.154	ug/l	100
4) Vinyl Chloride	1.607	62	99444	9.571	ug/l	96
5) Bromomethane	1.858	94	79273	9.487	ug/l	99
6) Chloroethane	1.938	64	78801	10.079	ug/l	99
7) Trichlorofluoromethane	2.144	101	162848	9.742	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.587	101	99216	9.791	ug/l	99
9) 1,1-Dichloroethene	2.587	96	90605	9.684	ug/l	99
10) Iodomethane	2.729	142	99343	8.800	ug/l	99
11) Allyl Chloride	2.932	41	99279	9.307	ug/l	98
12) Acrylonitrile	3.327	53	35339	20.928	ug/l	90
13) Acetone	2.633	43	62664	63.960	ug/l	99
14) Carbon Disulfide	2.800	76	269662	9.923	ug/l	99
15) Methylene Chloride	3.054	84	102618	7.036	ug/l	99
16) trans-1,2-Dichloroethene	3.359	96	100568	9.956	ug/l	99
17) 1,1-Dichloroethane	3.877	63	170694	10.040	ug/l	99
18) 2-Butanone	4.729	43	132473	71.800	ug/l	100
19) Cyclohexane	5.385	56	150075m	9.764	ug/l	
20) Methylcyclohexane	6.767	83	89869	10.055	ug/l	99
21) 2,2-Dichloropropane	4.671	77	144520	9.325	ug/l	100
22) cis-1,2-Dichloroethene	4.674	96	124630	10.807	ug/l	99
23) Diethyl Ether	2.382	59	62107	9.352	ug/l	99
24) tert-Butyl Alcohol	3.198	59	57877	166.051	ug/l #	95
25) Methyl tert-Butyl Ether	3.378	73	235008	10.187	ug/l	100
26) Bromochloromethane	4.983	128	54667	10.050	ug/l	98
27) Chloroform	5.095	83	193574	9.749	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	171543	10.100	ug/l	100
29) 1,1-Dichloropropene	5.530	75	73048	9.794	ug/l	99
30) Carbon Tetrachloride	5.526	117	76048	10.271	ug/l	99
31) Isopropyl Ether	4.012	45	238781	9.951	ug/l	100
32) Ethyl-t-butyl ether	4.523	59	264863	10.060	ug/l	99
33) Tert-Amyl methyl ether	5.957	73	128617	10.131	ug/l	99
34) Propionitrile	4.796	54	45014	88.684	ug/l #	94
35) Benzene	5.780	78	217434	10.149	ug/l	99
36) 1,2-Dichloroethane	5.803	62	69437	9.931	ug/l	99
37) Trichloroethene	6.549	130	65947	10.677	ug/l	98
38) 1,2-Dichloropropane	6.800	63	54203	10.042	ug/l	95
39) Methacrylonitrile	4.993	41	30922	10.867	ug/l	95
40) Methyl acrylate	4.864	55	58316	12.596	ug/l	95
41) Tetrahydrofuran	5.076	42	34246	24.695	ug/l	94
42) 1-Chlorobutane	5.462	56	94439	9.836	ug/l	98
43) Dibromomethane	6.928	93	32891	9.953	ug/l	100
44) Bromodichloromethane	7.115	83	76922	10.081	ug/l	99

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Quant Time: Sep 02 11:45:27 2021
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	167983	49.655	ug/l	99
46) t-1,4-Dichloro-2-butene	10.838	75	30204m	21.144	ug/l	
47) Methyl methacrylate	6.976	69	56078	20.427	ug/l	99
48) Ethyl methacrylate	8.346	69	55580	9.976	ug/l	98
49) Toluene	7.976	92	147782	10.451	ug/l	99
50) t-1,3-Dichloropropene	8.217	75	69680	10.394	ug/l	99
51) cis-1,3-Dichloropropene	7.616	75	78681	10.302	ug/l	99
52) 1,1,2-Trichloroethane	8.407	97	47227	10.045	ug/l	97
53) 1,3-Dichloropropane	8.584	76	78146	9.687	ug/l	100
54) 2-Hexanone	8.697	43	119420	49.636	ug/l	100
55) Dibromochloromethane	8.819	129	54759	10.280	ug/l	99
56) 1,2-Dibromoethane	8.931	107	46435	10.052	ug/l	99
58) Tetrachloroethene	8.558	164	57631	9.895	ug/l	99
59) Chlorobenzene	9.452	112	165227	10.307	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.542	131	58409	10.175	ug/l	100
61) Pentachloroethane	11.433	117	52188	11.462	ug/l	99
62) Hexachloroethane	12.481	117	49893	10.876	ug/l	99
63) Ethyl Benzene	9.578	91	283453	10.695	ug/l	100
64) m/p-Xylenes	9.700	106	230901	21.712	ug/l	99
65) o-Xylene	10.105	106	109834	10.664	ug/l	100
66) Styrene	10.118	104	190269	10.923	ug/l	100
67) Bromoform	10.298	173	30816	10.253	ug/l	99
69) Isopropylbenzene	10.491	105	291687	10.862	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	61919	9.787	ug/l	98
71) 1,2,3-Trichloropropane	10.832	75	34538m	7.657	ug/l	
72) Bromobenzene	10.787	156	71103	10.310	ug/l	98
73) n-propylbenzene	10.912	120	81996	10.931	ug/l	99
74) 2-Chlorotoluene	10.992	126	71291	10.596	ug/l	100
75) 1,3,5-Trimethylbenzene	11.095	105	256412	11.002	ug/l	100
76) 4-Chlorotoluene	11.102	126	78295	10.943	ug/l	99
77) tert-Butylbenzene	11.426	119	255670	11.015	ug/l	99
78) 1,2,4-Trimethylbenzene	11.471	105	264329	11.119	ug/l	99
79) sec-Butylbenzene	11.648	105	345521	10.974	ug/l	100
80) Nitrobenzene	13.211	77	8862	60.466	ug/l	99
81) p-Isopropyltoluene	11.799	119	293930	11.386	ug/l	100
82) 1,3-Dichlorobenzene	11.751	146	147438	10.666	ug/l	98
83) 1,4-Dichlorobenzene	11.841	146	149782	10.770	ug/l	99
84) n-Butylbenzene	12.214	91	284277	11.596	ug/l	100
85) 1,2-Dichlorobenzene	12.217	146	144364	10.403	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	10195	10.853	ug/l	94
87) 1,2,4-Trichlorobenzene	13.848	180	99150	11.419	ug/l	99
88) Hexachlorobutadiene	14.028	225	52031	10.779	ug/l	99
89) Naphthalene	14.092	128	187896	11.090	ug/l	100
90) 1,2,3-Trichlorobenzene	14.336	180	94354	11.227	ug/l	99

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

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