Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083121\
Data File : VU044538.D
Acq On : 31 Aug 2021 19:12
Operator : SY/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 01 00:37:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 00:35:55 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED
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9/1/2021 12:53:13 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	20193	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	8599	1.045	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	9664	1.176	ug/l	0.00
Spiked Amount 1.000			Recovery = 118.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	89235	12.201	ug/l	100
3) Chloromethane	1.523	50	96563	12.120	ug/l	100
4) Vinyl Chloride	1.607	62	116465	13.970	ug/l	100
5) Bromomethane	1.861	94	91404	18.517	ug/l	100
6) Chloroethane	1.938	64	85648	15.968	ug/l	100
7) Trichlorofluoromethane	2.144	101	190685	18.927	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	113856	18.195	ug/l	100
9) 1,1-Dichloroethene	2.588	96	105217	17.489	ug/l	100
10) Iodomethane	2.729	142	133246	16.796	ug/l	100
11) Allyl Chloride	2.932	41	118710	13.196	ug/l	100
12) Acrylonitrile	3.327	53	39041	30.527	ug/l	100
13) Acetone	2.636	43	45106	72.036	ug/l	100
14) Carbon Disulfide	2.800	76	310258	16.115	ug/l	100
15) Methylene Chloride	3.054	84	121506	14.684	ug/l	100
16) trans-1,2-Dichloroethene	3.359	96	114316	17.130	ug/l	100
17) 1,1-Dichloroethane	3.877	63	191163	15.851	ug/l	100
18) 2-Butanone	4.732	43	100932	74.475	ug/l	100
19) Cyclohexane	5.385	56	175643m	15.936	ug/l	
20) Methylcyclohexane	6.764	83	106252	10.449	ug/l	100
21) 2,2-Dichloropropane	4.671	77	163941	16.403	ug/l	100
22) cis-1,2-Dichloroethene	4.674	96	130178	17.665	ug/l	100
23) Diethyl Ether	2.385	59	75473	15.636	ug/l	100
24) tert-Butyl Alcohol	3.208	59	40788	144.687	ug/l	100
25) Methyl tert-Butyl Ether	3.379	73	255984	15.860	ug/l	100
26) Bromochloromethane	4.983	128	60563	18.801	ug/l	100
27) Chloroform	5.099	83	217474	17.763	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	191669	18.515	ug/l	100
29) 1,1-Dichloropropene	5.530	75	82718	10.145	ug/l	100
30) Carbon Tetrachloride	5.526	117	85107	11.534	ug/l	100
31) Isopropyl Ether	4.012	45	271582	14.126	ug/l	100
32) Ethyl-t-butyl ether	4.523	59	293130	15.125	ug/l	100
33) Tert-Amyl methyl ether	5.960	73	144517	9.411	ug/l	100
34) Propionitrile	4.800	54	28836	74.306	ug/l	100
35) Benzene	5.777	78	242020	10.168	ug/l	100
36) 1,2-Dichloroethane	5.806	62	78661	11.229	ug/l	100
37) Trichloroethene	6.549	130	69470	11.363	ug/l	100
38) 1,2-Dichloropropane	6.800	63	62691	9.994	ug/l	100
39) Methacrylonitrile	4.993	41	31436	14.300	ug/l	100
40) Methyl acrylate	4.864	55	49684	14.491	ug/l	100
41) Tetrahydrofuran	5.080	42	25605	25.336	ug/l	100
42) 1-Chlorobutane	5.462	56	107711	9.435	ug/l	100
43) Dibromomethane	6.928	93	37509	11.683	ug/l	100
44) Bromodichloromethane	7.115	83	90132	11.797	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	201700	48.222	ug/l	100
46) t-1,4-Dichloro-2-butene	10.841	75	35546m	20.165	ug/l	
47) Methyl methacrylate	6.977	69	63473	18.722	ug/l	100
48) Ethyl methacrylate	8.346	69	68440	9.716	ug/l	100
49) Toluene	7.976	92	169559	11.154	ug/l	100
50) t-1,3-Dichloropropene	8.221	75	83296	10.800	ug/l	100
51) cis-1,3-Dichloropropene	7.616	75	94409	10.419	ug/l	100
52) 1,1,2-Trichloroethane	8.411	97	55165	11.627	ug/l	100
53) 1,3-Dichloropropane	8.584	76	92569	10.809	ug/l	100
54) 2-Hexanone	8.700	43	145222	48.757	ug/l	100
55) Dibromochloromethane	8.819	129	63823	12.323	ug/l	100
56) 1,2-Dibromoethane	8.931	107	55003	11.836	ug/l	100
58) Tetrachloroethene	8.558	164	66505	12.531	ug/l	100
59) Chlorobenzene	9.452	112	188829	11.632	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.542	131	67265	12.290	ug/l	100
61) Pentachloroethane	11.433	117	55774	12.650	ug/l	100
62) Hexachloroethane	12.481	117	57705	12.630	ug/l	100
63) Ethyl Benzene	9.578	91	326940	11.354	ug/l	100
64) m/p-Xylenes	9.700	106	266268	23.900	ug/l	100
65) o-Xylene	10.108	106	128027	11.921	ug/l	100
66) Styrene	10.121	104	224280	12.094	ug/l	100
67) Bromoform	10.298	173	36835	12.719	ug/l	100
69) Isopropylbenzene	10.491	105	335598	11.727	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	73000	11.687	ug/l	100
71) 1,2,3-Trichloropropane	10.835	75	49954m	9.894	ug/l	
72) Bromobenzene	10.790	156	82832	12.300	ug/l	100
73) n-propylbenzene	10.912	120	95682	12.299	ug/l	100
74) 2-Chlorotoluene	10.992	126	82411	12.250	ug/l	100
75) 1,3,5-Trimethylbenzene	11.095	105	301886	12.322	ug/l	100
76) 4-Chlorotoluene	11.102	126	89742	12.717	ug/l	100
77) tert-Butylbenzene	11.427	119	293102	12.229	ug/l	100
78) 1,2,4-Trimethylbenzene	11.472	105	306005	12.334	ug/l	100
79) sec-Butylbenzene	11.648	105	400007	12.258	ug/l	100
80) Nitrobenzene	13.214	77	10324	56.968	ug/l	100
81) p-Isopropyltoluene	11.800	119	339193	12.510	ug/l	100
82) 1,3-Dichlorobenzene	11.751	146	167653	12.478	ug/l	100
83) 1,4-Dichlorobenzene	11.841	146	169894	12.505	ug/l	100
84) n-Butylbenzene	12.214	91	323839	12.306	ug/l	100
85) 1,2-Dichlorobenzene	12.217	146	168355	12.836	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	13.002	75	12609	11.798	ug/l	100
87) 1,2,4-Trichlorobenzene	13.848	180	110575	12.204	ug/l	100
88) Hexachlorobutadiene	14.028	225	57291	12.844	ug/l	100
89) Naphthalene	14.092	128	213780	11.886	ug/l	100
90) 1,2,3-Trichlorobenzene	14.336	180	104906	12.620	ug/l	100

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

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