Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040062.D
Acq On : 09 Sep 2020 12:30
Operator : SY/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 10 04:03:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 03:43:56 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICCC010

Manual Integrations APPROVED
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9/17/2020 4:47:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	28193	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	12070	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery = 109.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	10539	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	79366	8.367	ug/l	100
3) Chloromethane	1.53	50	81205	6.998	ug/l	100
4) Vinyl Chloride	1.61	62	79275	7.378	ug/l	100
5) Bromomethane	1.86	94	50549	6.830	ug/l	100
6) Chloroethane	1.94	64	50171	6.772	ug/l	100
7) Trichlorofluoromethane	2.15	101	123752	8.537	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	70583	8.481	ug/l	100
9) 1,1-Dichloroethene	2.59	96	59647	7.888	ug/l	100
10) Iodomethane	2.74	142	69496	9.231	ug/l	100
11) Allyl Chloride	2.94	41	114983	7.131	ug/l	100
12) Acrylonitrile	3.33	53	40763	15.331	ug/l	100
13) Acetone	2.64	43	94225	37.614	ug/l	100
14) Carbon Disulfide	2.81	76	165895	6.177	ug/l	100
15) Methylene Chloride	3.06	84	75501	7.105	ug/l	100
16) trans-1,2-Dichloroethene	3.37	96	66241	7.715	ug/l	100
17) 1,1-Dichloroethane	3.89	63	137890	7.368	ug/l	100
18) 2-Butanone	4.74	43	141461	34.134	ug/l	100
19) Cyclohexane	5.40	56	114506m	6.405	ug/l	
20) Methylcyclohexane	6.77	83	116925	8.638	ug/l	100
21) 2,2-Dichloropropane	4.68	77	125970	8.097	ug/l	100
22) cis-1,2-Dichloroethene	4.68	96	74985	8.053	ug/l	100
23) Diethyl Ether	2.39	59	55673	7.262	ug/l	100
24) tert-Butyl Alcohol	3.21	59	71320	51.203	ug/l	100
25) Methyl tert-Butyl Ether	3.39	73	199509	8.070	ug/l	100
26) Bromochloromethane	4.99	128	32460	8.437	ug/l	100
27) Chloroform	5.11	83	140147	7.893	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	125142	8.612	ug/l	100
29) 1,1-Dichloropropene	5.54	75	106298	7.717	ug/l	100
30) Carbon Tetrachloride	5.54	117	114978	9.523	ug/l	100
31) Isopropyl Ether	4.02	45	242393	7.130	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	223608	7.657	ug/l	100
33) Tert-Amyl methyl ether	5.96	73	201343	9.303	ug/l	100
34) Propionitrile	4.81	54	36682	35.794	ug/l	100
35) Benzene	5.79	78	301402	8.686	ug/l	100
36) 1,2-Dichloroethane	5.81	62	115530	8.855	ug/l	100
37) Trichloroethene	6.55	130	76289	9.506	ug/l	100
38) 1,2-Dichloropropane	6.81	63	86763	9.094	ug/l	100
39) Methacrylonitrile	5.00	41	35957	6.605	ug/l	100
40) Methyl acrylate	4.87	55	49070	7.050	ug/l	100
41) Tetrahydrofuran	5.09	42	33709	12.422	ug/l	100
42) 1-Chlorobutane	5.47	56	159866	7.442	ug/l	100

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 03:43:56 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.93	93	48438	9.300 ug/l	100
44) Bromodichloromethane	7.12	83	117138	9.825 ug/l	100
45) 4-Methyl-2-Pentanone	7.81	43	354913	45.746 ug/l	100
46) t-1,4-Dichloro-2-butene	10.83	75	55236m	22.457 ug/l	
47) Methyl methacrylate	6.98	69	91407	19.096 ug/l	100
48) Ethyl methacrylate	8.34	69	83951	9.530 ug/l	100
49) Toluene	7.98	92	185166	9.029 ug/l	100
50) t-1,3-Dichloropropene	8.22	75	112999	10.526 ug/l	100
51) cis-1,3-Dichloropropene	7.62	75	124526	9.910 ug/l	100
52) 1,1,2-Trichloroethane	8.41	97	63521	9.411 ug/l	100
53) 1,3-Dichloropropane	8.58	76	115691	9.003 ug/l	100
54) 2-Hexanone	8.69	43	256429	46.136 ug/l	100
55) Dibromochloromethane	8.82	129	75804	10.377 ug/l	100
56) 1,2-Dibromoethane	8.93	107	59350	9.213 ug/l	100
58) Tetrachloroethene	8.56	164	73750	10.308 ug/l	100
59) Chlorobenzene	9.45	112	205662	9.590 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	75004	10.226 ug/l	100
61) Pentachloroethane	11.42	117	48983	7.982 ug/l	100
62) Hexachloroethane	12.47	117	64378	10.879 ug/l	100
63) Ethyl Benzene	9.57	91	371150	9.732 ug/l	100
64) m/p-Xylenes	9.69	106	284605	19.193 ug/l	100
65) o-Xylene	10.10	106	134152	9.505 ug/l	100
66) Styrene	10.11	104	244236	10.056 ug/l	100
67) Bromoform	10.29	173	40194	10.792 ug/l	100
69) Isopropylbenzene	10.48	105	368423	9.737 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	85855	8.970 ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	66719m	9.389 ug/l	
72) Bromobenzene	10.78	156	80799	9.369 ug/l	100
73) n-propylbenzene	10.90	120	102671	9.670 ug/l	100
74) 2-Chlorotoluene	10.98	126	86560	9.592 ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	333158	10.172 ug/l	100
76) 4-Chlorotoluene	11.10	126	93881	10.021 ug/l	100
77) tert-Butylbenzene	11.42	119	298443	9.560 ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	339502	10.126 ug/l	100
79) sec-Butylbenzene	11.64	105	437716	9.800 ug/l	100
80) Nitrobenzene	13.20	77	19079	94.780 ug/l	100
81) p-Isopropyltoluene	11.79	119	357008	9.934 ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	176561	9.485 ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	178509	9.512 ug/l	100
84) n-Butylbenzene	12.20	91	370981	9.717 ug/l	100
85) 1,2-Dichlorobenzene	12.20	146	171525	9.553 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	16993	10.377 ug/l	100
87) 1,2,4-Trichlorobenzene	13.83	180	106242	9.529 ug/l	100
88) Hexachlorobutadiene	14.01	225	53091	10.239 ug/l	100
89) Naphthalene	14.08	128	231298	9.756 ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	99478	9.447 ug/l	100

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

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