Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072920\
Data File : VU039703.D
Acq On : 29 Jul 2020 14:36
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU072920

Manual Integrations APPROVED
MMDadoda
9/4/2020 7:31:47 PM

Quant Time: Sep 04 19:04:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Sep 04 18:51:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.12	96	21043	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.63	95	9317	1.13	ug/l		0.00
Spiked Amount 1.000			Recovery =	113.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	8235	1.02	ug/l		0.00
Spiked Amount 1.000			Recovery =	102.00%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	44727	6.117	ug/l		100
3) Chloromethane	1.53	50	69186	7.617	ug/l		99
4) Vinyl Chloride	1.61	62	69126	8.257	ug/l		96
5) Bromomethane	1.86	94	48362	8.447	ug/l		98
6) Chloroethane	1.94	64	49031	8.441	ug/l		99
7) Trichlorofluoromethane	2.15	101	98379	8.885	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	58064	9.137	ug/l		99
9) 1,1-Dichloroethene	2.59	96	56442	9.653	ug/l		99
10) Iodomethane	2.74	142	54508	9.243	ug/l		98
11) Allyl Chloride	2.93	41	126222	10.008	ug/l		95
12) Acrylonitrile	3.33	53	103781	50.569	ug/l		95
13) Acetone	2.64	43	129383	66.799	ug/l		99
14) Carbon Disulfide	2.80	76	171318	7.990	ug/l		100
15) Methylene Chloride	3.06	84	70403	8.638	ug/l		99
16) trans-1,2-Dichloroethene	3.37	96	63651	9.575	ug/l		97
17) 1,1-Dichloroethane	3.89	63	142239	9.744	ug/l		98
18) 2-Butanone	4.74	43	166682	51.331	ug/l		100
19) Cyclohexane	5.39	56	122536m	8.673	ug/l		
20) Methylcyclohexane	6.77	83	102956	9.835	ug/l		99
21) 2,2-Dichloropropane	4.68	77	115769	9.722	ug/l		99
22) cis-1,2-Dichloroethene	4.68	96	74057	10.336	ug/l		99
23) Diethyl Ether	2.39	59	54281	9.080	ug/l		97
24) tert-Butyl Alcohol	3.20	59	36136	46.305	ug/l		98
25) Methyl tert-Butyl Ether	3.38	73	189669	9.942	ug/l		98
26) Bromochloromethane	4.99	128	28297	9.653	ug/l		98
27) Chloroform	5.11	83	134396	9.838	ug/l		99
28) 1,1,1-Trichloroethane	5.33	97	110519	9.998	ug/l		99
29) 1,1-Dichloropropene	5.54	75	102654	9.644	ug/l		99
30) Carbon Tetrachloride	5.54	117	89937	9.950	ug/l		98
31) Isopropyl Ether	4.02	45	273632	10.278	ug/l	#	1
34) Propionitrile	4.80	54	77971	97.337	ug/l		98
35) Benzene	5.79	78	257493	9.780	ug/l		100
36) 1,2-Dichloroethane	5.81	62	96036	9.730	ug/l		100
37) Trichloroethene	6.55	130	59677	9.906	ug/l		95
38) 1,2-Dichloropropane	6.81	63	74138	10.216	ug/l		99
39) Methacrylonitrile	5.00	41	38613	9.147	ug/l		98
40) Methyl acrylate	4.87	55	53503	9.829	ug/l		98
41) Tetrahydrofuran	5.09	42	95651	45.035	ug/l		98
42) 1-Chlorobutane	5.47	56	160285	9.594	ug/l		99
43) Dibromomethane	6.93	93	38619	9.890	ug/l		98
44) Bromodichloromethane	7.12	83	93476	10.440	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.81	43	308504	52.152	ug/l		99
46) t-1,4-Dichloro-2-butene	10.83	75	41374m	23.515	ug/l		
47) Methyl methacrylate	6.98	69	36880	10.126	ug/l		99
48) Ethyl methacrylate	8.34	69	73589	10.977	ug/l		99
49) Toluene	7.98	92	164573	10.501	ug/l		98
50) t-1,3-Dichloropropene	8.22	75	90443	11.216	ug/l		97
51) cis-1,3-Dichloropropene	7.62	75	103875	10.960	ug/l		98
52) 1,1,2-Trichloroethane	8.41	97	54439	10.730	ug/l		96
53) 1,3-Dichloropropane	8.58	76	99960	10.261	ug/l		100
54) 2-Hexanone	8.70	43	236700	55.887	ug/l		100
55) Dibromochloromethane	8.82	129	58594	10.755	ug/l		100
56) 1,2-Dibromoethane	8.93	107	51739	10.583	ug/l		99
58) Tetrachloroethene	8.56	164	51515	9.769	ug/l		95
59) Chlorobenzene	9.45	112	165416	10.207	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.54	131	58584	10.721	ug/l		99
61) Pentachloroethane	11.43	117	52683	10.973	ug/l		97
62) Hexachloroethane	12.47	117	51106	11.614	ug/l		98
63) Ethyl Benzene	9.57	91	321330	11.064	ug/l		99
64) m/p-Xylenes	9.70	106	255608	22.526	ug/l		98
65) o-Xylene	10.10	106	118206	10.972	ug/l		97
66) Styrene	10.11	104	211139	11.436	ug/l		100
67) Bromoform	10.29	173	31615	11.375	ug/l		98
69) Isopropylbenzene	10.48	105	321720	11.180	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.78	83	75929	10.396	ug/l		99
71) 1,2,3-Trichloropropane	10.83	75	34828m	6.330	ug/l		
72) Bromobenzene	10.78	156	71417	10.928	ug/l		98
73) n-propylbenzene	10.91	120	86835	10.733	ug/l		95
74) 2-Chlorotoluene	10.99	126	72889	10.664	ug/l		99
75) 1,3,5-Trimethylbenzene	11.09	105	292233	11.747	ug/l		100
76) 4-Chlorotoluene	11.10	126	80203	11.329	ug/l		98
77) tert-Butylbenzene	11.42	119	266505	11.167	ug/l		99
78) 1,2,4-Trimethylbenzene	11.47	105	297277	11.652	ug/l		100
79) sec-Butylbenzene	11.64	105	354076	10.424	ug/l		100
80) Nitrobenzene	13.20	77	1325	10.721	ug/l	#	82
81) p-Isopropyltoluene	11.79	119	317599	11.602	ug/l		99
82) 1,3-Dichlorobenzene	11.74	146	144218	10.253	ug/l		98
83) 1,4-Dichlorobenzene	11.83	146	148933	10.527	ug/l		99
84) n-Butylbenzene	12.20	91	343114	11.800	ug/l		100
85) 1,2-Dichlorobenzene	12.21	146	140152	10.338	ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	14463	11.755	ug/l		99
87) 1,2,4-Trichlorobenzene	13.83	180	98774	11.649	ug/l		99
88) Hexachlorobutadiene	14.01	225	42108	10.935	ug/l		99
89) Naphthalene	14.08	128	217274	11.976	ug/l		100
90) 1,2,3-Trichlorobenzene	14.32	180	91615	11.445	ug/l		99

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

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