Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072920\
Data File : VU039700.D
Acq On : 29 Jul 2020 13:07
Operator : SY/MD
Sample : VSTDICC020
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Quant Time: Jul 30 01:37:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 01:17:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	21708	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.64	95	9587	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery = 113.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	9301	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery = 113.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	150146	20.250	ug/l	99
3) Chloromethane	1.53	50	178414	20.213	ug/l	100
4) Vinyl Chloride	1.61	62	169253	19.571	ug/l	100
5) Bromomethane	1.85	94	101457	18.916	ug/l	99
6) Chloroethane	1.94	64	110077	20.878	ug/l	97
7) Trichlorofluoromethane	2.15	101	220802	23.436	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	126295	21.852	ug/l	99
9) 1,1-Dichloroethene	2.59	96	117558	20.482	ug/l	98
10) Iodomethane	2.74	142	149505	39.152	ug/l	99
11) Allyl Chloride	2.93	41	254255	23.390	ug/l	100
12) Acrylonitrile	3.33	53	79790m	48.922	ug/l	
13) Acetone	2.64	43	182491	135.167	ug/l	98
14) Carbon Disulfide	2.80	76	432277	20.630	ug/l	99
15) Methylene Chloride	3.06	84	143147	17.975	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	133702	21.231	ug/l	99
17) 1,1-Dichloroethane	3.89	63	287716	23.405	ug/l	99
18) 2-Butanone	4.74	43	317109	152.238	ug/l	99
19) Cyclohexane	5.40	56	276385m	23.364	ug/l	
20) Methylcyclohexane	6.77	83	238045	21.268	ug/l	99
21) 2,2-Dichloropropane	4.68	77	232105	22.845	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	144739	21.689	ug/l	99
23) Diethyl Ether	2.39	59	117693	22.872	ug/l	98
24) tert-Butyl Alcohol	3.20	59	142060	242.166	ug/l	99
25) Methyl tert-Butyl Ether	3.38	73	389387	23.980	ug/l	99
26) Bromochloromethane	4.99	128	56170	20.865	ug/l	98
27) Chloroform	5.11	83	264968	23.061	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	217897	23.121	ug/l	98
29) 1,1-Dichloropropene	5.54	75	210636	22.412	ug/l	99
30) Carbon Tetrachloride	5.53	117	184423	23.478	ug/l	96
31) Isopropyl Ether	4.02	45	539238	26.184	ug/l	99
32) Ethyl-t-butyl ether	4.53	59	448243	24.409	ug/l	99
33) Tert-Amyl methyl ether	5.97	73	346100	22.512	ug/l	100
34) Propionitrile	4.80	54	77941	134.683	ug/l	98
35) Benzene	5.79	78	527717	20.461	ug/l	100
36) 1,2-Dichloroethane	5.81	62	193175	24.211	ug/l	100
37) Trichloroethene	6.55	130	122290	18.312	ug/l	94
38) 1,2-Dichloropropane	6.81	63	149663	21.256	ug/l	98
39) Methacrylonitrile	5.00	41	77653	28.421	ug/l	97
40) Methyl acrylate	4.87	55	109497	27.592	ug/l	98
41) Tetrahydrofuran	5.09	42	78270	56.992	ug/l	99
42) 1-Chlorobutane	5.47	56	330294	23.965	ug/l	100

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Acq On : 29 Jul 2020 13:07
Operator : SY/MD
Sample : VSTDICC020
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC020

Manual Integrations APPROVED

Quant Time: Jul 30 01:37:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 01:17:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	78172	23.394	ug/l	99
44) Bromodichloromethane	7.12	83	188787	22.731	ug/l	97
45) 4-Methyl-2-Pentanone	7.81	43	663201	140.989	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	90597m	63.030	ug/l	
47) Methyl methacrylate	6.98	69	163311	48.237	ug/l	99
48) Ethyl methacrylate	8.35	69	158755	25.474	ug/l	98
49) Toluene	7.98	92	346424	21.265	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	195089	23.316	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	216589	21.772	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	105828	22.657	ug/l	99
53) 1,3-Dichloropropane	8.58	76	201709	22.948	ug/l	99
54) 2-Hexanone	8.70	43	477372	143.113	ug/l	99
55) Dibromochloromethane	8.82	129	123451	23.877	ug/l	98
56) 1,2-Dibromoethane	8.93	107	104876	23.617	ug/l	100
58) Tetrachloroethene	8.56	164	108452	17.713	ug/l	96
59) Chlorobenzene	9.45	112	355355	20.626	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	120512	22.723	ug/l	99
61) Pentachloroethane	11.43	117	107864	26.274	ug/l	98
62) Hexachloroethane	12.47	117	108296	25.752	ug/l	99
63) Ethyl Benzene	9.57	91	675202	21.882	ug/l	99
64) m/p-Xylenes	9.70	106	528221	44.332	ug/l	100
65) o-Xylene	10.10	106	251521	21.780	ug/l	98
66) Styrene	10.11	104	443598	23.126	ug/l	99
67) Bromoform	10.29	173	68985	25.395	ug/l	96
69) Isopropylbenzene	10.48	105	675734	22.357	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	159673	26.003	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	118583m	25.586	ug/l	
72) Bromobenzene	10.78	156	147377	21.937	ug/l	97
73) n-propylbenzene	10.91	120	188027	22.621	ug/l	100
74) 2-Chlorotoluene	10.99	126	152969	21.915	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	593616	23.420	ug/l	100
76) 4-Chlorotoluene	11.10	126	161951	22.280	ug/l	99
77) tert-Butylbenzene	11.42	119	564820	23.466	ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	607391	23.267	ug/l	100
79) sec-Butylbenzene	11.64	105	787967	22.900	ug/l	100
80) Nitrobenzene	13.20	77	17162	102.896	ug/l	96
81) p-Isopropyltoluene	11.79	119	644181	23.174	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	299790	21.354	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	303852	21.394	ug/l	100
84) n-Butylbenzene	12.20	91	686336	24.580	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	287283	21.814	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	29056	29.079	ug/l	96
87) 1,2,4-Trichlorobenzene	13.83	180	196838	20.868	ug/l	100
88) Hexachlorobutadiene	14.01	225	85331	20.432	ug/l	98
89) Naphthalene	14.08	128	449988	24.249	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	183124	21.677	ug/l	100

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

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