Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040063.D
Acq On : 09 Sep 2020 12:59
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: Sep 10 04:06:49 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	30025	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	11916	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	11720	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	165621	16.395	ug/l	98
3) Chloromethane	1.53	50	173140	14.011	ug/l	98
4) Vinyl Chloride	1.61	62	172588	15.082	ug/l	98
5) Bromomethane	1.86	94	103593	13.144	ug/l	98
6) Chloroethane	1.94	64	106733	13.527	ug/l	97
7) Trichlorofluoromethane	2.15	101	259123	16.785	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	146198	16.494	ug/l	98
9) 1,1-Dichloroethene	2.59	96	122355	15.194	ug/l	98
10) Iodomethane	2.74	142	159150	19.851	ug/l	100
11) Allyl Chloride	2.93	41	242414	14.116	ug/l	99
12) Acrylonitrile	3.33	53	85576	30.221	ug/l	99
13) Acetone	2.63	43	191264	71.693	ug/l	95
14) Carbon Disulfide	2.81	76	341233	11.931	ug/l	99
15) Methylene Chloride	3.06	84	151361	13.375	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	135045	14.768	ug/l	97
17) 1,1-Dichloroethane	3.89	63	287141	14.407	ug/l	99
18) 2-Butanone	4.73	43	298933	67.731	ug/l	99
19) Cyclohexane	5.40	56	239826m	12.596	ug/l	
20) Methylcyclohexane	6.77	83	255501	17.724	ug/l	99
21) 2,2-Dichloropropane	4.68	77	256362	15.473	ug/l	100
22) cis-1,2-Dichloroethene	4.68	96	154247	15.555	ug/l	99
23) Diethyl Ether	2.39	59	120743	14.790	ug/l	97
24) tert-Butyl Alcohol	3.20	59	153405	103.415	ug/l	97
25) Methyl tert-Butyl Ether	3.38	73	423521	16.085	ug/l	100
26) Bromochloromethane	4.99	128	68293	16.668	ug/l	97
27) Chloroform	5.11	83	291827	15.432	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	254462	16.443	ug/l	99
29) 1,1-Dichloropropene	5.54	75	223900	15.262	ug/l	99
30) Carbon Tetrachloride	5.53	117	238692	18.563	ug/l	98
31) Isopropyl Ether	4.02	45	511046	14.116	ug/l	98
32) Ethyl-t-butyl ether	4.53	59	469029	15.081	ug/l	98
33) Tert-Amyl methyl ether	5.96	73	443707	19.250	ug/l	99
34) Propionitrile	4.80	54	75554	69.227	ug/l	98
35) Benzene	5.79	78	628069	16.997	ug/l	99
36) 1,2-Dichloroethane	5.81	62	237026	17.059	ug/l	99
37) Trichloroethene	6.55	130	160792	18.813	ug/l	96
38) 1,2-Dichloropropane	6.80	63	179987	17.713	ug/l	98
39) Methacrylonitrile	5.00	41	75552	13.032	ug/l	99
40) Methyl acrylate	4.87	55	104168	14.054	ug/l	99
41) Tetrahydrofuran	5.08	42	72902	25.227	ug/l	97
42) 1-Chlorobutane	5.47	56	328910	14.378	ug/l	98

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Acq On : 09 Sep 2020 12:59
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC020

Manual Integrations APPROVED

Quant Time: Sep 10 04:06:49 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

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.93	93	101241	18.251 ug/l	98
44) Bromodichloromethane	7.12	83	249753	19.671 ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	784956	95.002 ug/l	99
46) t-1,4-Dichloro-2-butene	10.84	75	135976m	51.911 ug/l	
47) Methyl methacrylate	6.98	69	201289	39.486 ug/l	99
48) Ethyl methacrylate	8.34	69	191724	20.437 ug/l	99
49) Toluene	7.98	92	404267	18.510 ug/l	97
50) t-1,3-Dichloropropene	8.22	75	247308	21.631 ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	268481	20.062 ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	136311	18.962 ug/l	99
53) 1,3-Dichloropropane	8.58	76	243015	17.758 ug/l	99
54) 2-Hexanone	8.69	43	570905	96.449 ug/l	100
55) Dibromochloromethane	8.82	129	166470	21.397 ug/l	99
56) 1,2-Dibromoethane	8.93	107	129657	18.898 ug/l	96
58) Tetrachloroethene	8.56	164	153187	20.105 ug/l	99
59) Chlorobenzene	9.45	112	441830	19.345 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	162026	20.742 ug/l	99
61) Pentachloroethane	11.42	117	110047	16.838 ug/l	98
62) Hexachloroethane	12.47	117	147816	23.455 ug/l	99
63) Ethyl Benzene	9.57	91	817869	20.137 ug/l	99
64) m/p-Xylenes	9.69	106	603890	38.240 ug/l	99
65) o-Xylene	10.10	106	288281	19.179 ug/l	98
66) Styrene	10.11	104	525111	20.301 ug/l	99
67) Bromoform	10.29	173	91349	23.030 ug/l	99
69) Isopropylbenzene	10.48	105	810689	20.119 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	189224	18.563 ug/l	97
71) 1,2,3-Trichloropropane	10.83	75	141955m	18.758 ug/l	
72) Bromobenzene	10.78	156	177619	19.338 ug/l	98
73) n-propylbenzene	10.90	120	222260	19.656 ug/l	99
74) 2-Chlorotoluene	10.98	126	187230	19.482 ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	717111	20.559 ug/l	99
76) 4-Chlorotoluene	11.10	126	197952	19.840 ug/l	97
77) tert-Butylbenzene	11.42	119	666085	20.034 ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	744640	20.854 ug/l	100
79) sec-Butylbenzene	11.64	105	956881	20.117 ug/l	99
80) Nitrobenzene	13.20	77	45495	212.219 ug/l	99
81) p-Isopropyltoluene	11.79	119	791655	20.684 ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	377838	19.059 ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	383892	19.208 ug/l	99
84) n-Butylbenzene	12.20	91	822792	20.236 ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	362519	18.958 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	38448	22.046 ug/l	97
87) 1,2,4-Trichlorobenzene	13.83	180	237166	19.974 ug/l	100
88) Hexachlorobutadiene	14.01	225	114989	20.823 ug/l	100
89) Naphthalene	14.08	128	524433	20.771 ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	217269	19.373 ug/l	99

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

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