Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040059.D
Acq On : 09 Sep 2020 11:00
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
9/17/2020 4:47:01 PM

Quant Time: Sep 10 03:57:18 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	27758	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.63	95	10888	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
68) 1,2-Dichlorobenzene-d4	12.19	152	10127	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	7534	0.807	ug/l		93
3) Chloromethane	1.53	50	8114	0.710	ug/l		97
4) Vinyl Chloride	1.61	62	7860	0.743	ug/l		95
5) Bromomethane	1.86	94	6696	0.919	ug/l		92
6) Chloroethane	1.94	64	5369	0.736	ug/l		91
7) Trichlorofluoromethane	2.15	101	11119	0.779	ug/l		91
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	6641	0.810	ug/l		99
9) 1,1-Dichloroethene	2.59	96	5925	0.796	ug/l		86
10) Iodomethane	2.74	142	2415	0.326	ug/l		93
11) Allyl Chloride	2.94	41	11143	0.702	ug/l		100
12) Acrylonitrile	3.33	53	4123	1.575	ug/l		95
13) Acetone	2.64	43	9477	3.842	ug/l		94
14) Carbon Disulfide	2.81	76	15677	0.593	ug/l	#	93
15) Methylene Chloride	3.06	84	10008	0.957	ug/l		94
16) trans-1,2-Dichloroethene	3.37	96	6237	0.738	ug/l		98
17) 1,1-Dichloroethane	3.89	63	13492	0.732	ug/l		99
18) 2-Butanone	4.74	43	15147	3.712	ug/l		99
19) Cyclohexane	5.40	56	10917m	0.620	ug/l		
20) Methylcyclohexane	6.77	83	9137	0.686	ug/l		93
21) 2,2-Dichloropropane	4.68	77	13752	0.898	ug/l		92
22) cis-1,2-Dichloroethene	4.69	96	7038	0.768	ug/l		96
23) Diethyl Ether	2.39	59	5468	0.724	ug/l		97
24) tert-Butyl Alcohol	3.20	59	7785	5.677	ug/l	#	91
25) Methyl tert-Butyl Ether	3.39	73	18377	0.755	ug/l		91
26) Bromochloromethane	4.99	128	3108	0.821	ug/l		95
27) Chloroform	5.11	83	13898	0.795	ug/l		97
28) 1,1,1-Trichloroethane	5.33	97	12492	0.873	ug/l		97
29) 1,1-Dichloropropene	5.54	75	9793	0.722	ug/l		94
30) Carbon Tetrachloride	5.53	117	10665	0.897	ug/l		93
31) Isopropyl Ether	4.02	45	23972	0.716	ug/l		98
32) Ethyl-t-butyl ether	4.53	59	20554	0.715	ug/l		100
33) Tert-Amyl methyl ether	5.96	73	17687	0.830	ug/l		98
34) Propionitrile	4.80	54	3874	3.839	ug/l	#	89
35) Benzene	5.79	78	28514	0.835	ug/l		98
36) 1,2-Dichloroethane	5.81	62	10306	0.802	ug/l		98
37) Trichloroethene	6.56	130	6660	0.843	ug/l		94
38) 1,2-Dichloropropane	6.81	63	8115	0.864	ug/l		96
39) Methacrylonitrile	5.01	41	3829	0.714	ug/l		96
40) Methyl acrylate	4.87	55	4688	0.684	ug/l	#	96
41) Tetrahydrofuran	5.09	42	3859	1.444	ug/l		95
42) 1-Chlorobutane	5.47	56	14642	0.692	ug/l		90

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ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

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Quant Time: Sep 10 03:57:18 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	4880	0.952	ug/l		91
44) Bromodichloromethane	7.12	83	11377	0.969	ug/l		98
45) 4-Methyl-2-Pentanone	7.81	43	30506	3.994	ug/l		96
46) t-1,4-Dichloro-2-butene	10.83	75	4712m	1.946	ug/l		
47) Methyl methacrylate	6.98	69	7305	1.550	ug/l		95
48) Ethyl methacrylate	8.34	69	6816	0.786	ug/l		99
49) Toluene	7.98	92	16109	0.798	ug/l		95
50) t-1,3-Dichloropropene	8.22	75	9620	0.910	ug/l		91
51) cis-1,3-Dichloropropene	7.62	75	10836	0.876	ug/l		93
52) 1,1,2-Trichloroethane	8.41	97	6315	0.950	ug/l		94
53) 1,3-Dichloropropane	8.58	76	11245	0.889	ug/l		99
54) 2-Hexanone	8.69	43	20604	3.765	ug/l		96
55) Dibromochloromethane	8.82	129	6887	0.958	ug/l		95
56) 1,2-Dibromoethane	8.93	107	5909	0.932	ug/l		88
58) Tetrachloroethene	8.56	164	7328	1.040	ug/l		97
59) Chlorobenzene	9.45	112	18116	0.858	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.54	131	6656	0.922	ug/l		94
61) Pentachloroethane	11.42	117	4755	0.787	ug/l		100
62) Hexachloroethane	12.47	117	5854	1.005	ug/l		89
63) Ethyl Benzene	9.57	91	28732	0.765	ug/l		97
64) m/p-Xylenes	9.70	106	21392	1.465	ug/l		98
65) o-Xylene	10.10	106	10904	0.785	ug/l		92
66) Styrene	10.11	104	17412	0.728	ug/l		99
67) Bromoform	10.29	173	3283	0.895	ug/l	#	92
69) Isopropylbenzene	10.48	105	28790	0.773	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.78	83	7400	0.785	ug/l		88
71) 1,2,3-Trichloropropane	10.83	75	4314m	0.617	ug/l		
72) Bromobenzene	10.78	156	7234	0.852	ug/l		97
73) n-propylbenzene	10.91	120	7946	0.760	ug/l		95
74) 2-Chlorotoluene	10.99	126	7077	0.797	ug/l		96
75) 1,3,5-Trimethylbenzene	11.09	105	24257	0.752	ug/l		99
76) 4-Chlorotoluene	11.10	126	7915	0.858	ug/l		88
77) tert-Butylbenzene	11.42	119	22867	0.744	ug/l		98
78) 1,2,4-Trimethylbenzene	11.46	105	25266	0.765	ug/l		98
79) sec-Butylbenzene	11.64	105	33351	0.758	ug/l		100
80) Nitrobenzene	13.21	77	1488	7.508	ug/l	#	75
81) p-Isopropyltoluene	11.79	119	25740	0.727	ug/l		98
82) 1,3-Dichlorobenzene	11.74	146	15867	0.866	ug/l		99
83) 1,4-Dichlorobenzene	11.83	146	15234	0.824	ug/l		97
84) n-Butylbenzene	12.20	91	26756	0.712	ug/l		99
85) 1,2-Dichlorobenzene	12.21	146	14752	0.834	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	1419	0.880	ug/l		95
87) 1,2,4-Trichlorobenzene	13.83	180	7657	0.698	ug/l		97
88) Hexachlorobutadiene	14.01	225	4234	0.829	ug/l		93
89) Naphthalene	14.08	128	13468	0.577	ug/l		98
90) 1,2,3-Trichlorobenzene	14.32	180	7278	0.702	ug/l		99

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

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