Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030920\
Data File : VU037133.D
Acq On : 09 Mar 2020 14:20
Operator : JC/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Quant Time: Mar 09 15:43:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Mar 09 15:28:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.15	96	17483	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.65	95	6740	1.02	ug/l		0.00
Spiked Amount 1.000			Recovery = 102.00%				
68) 1,2-Dichlorobenzene-d4	12.21	152	6954	1.03	ug/l		0.00
Spiked Amount 1.000			Recovery = 103.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	83420	14.435	ug/l		97
3) Chloromethane	1.54	50	84241	13.597	ug/l		99
4) Vinyl Chloride	1.62	62	74604	10.631	ug/l		100
5) Bromomethane	1.87	94	23750	5.447	ug/l		100
6) Chloroethane	1.95	64	34310	8.253	ug/l		99
7) Trichlorofluoromethane	2.16	101	87271	12.587	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	41525	9.614	ug/l		93
9) 1,1-Dichloroethene	2.60	96	39101	8.505	ug/l		75
10) Iodomethane	2.75	142	21883	4.437	ug/l	#	70
11) Allyl Chloride	2.95	41	74531	11.725	ug/l	#	64
12) Acrylonitrile	3.35	53	18351	16.274	ug/l	#	92
13) Acetone	2.66	43	45582	49.587	ug/l	#	79
14) Carbon Disulfide	2.82	76	130668	8.207	ug/l		99
15) Methylene Chloride	3.08	84	43187	7.132	ug/l	#	78
16) trans-1,2-Dichloroethene	3.38	96	41559	8.195	ug/l		87
17) 1,1-Dichloroethane	3.91	63	94955	11.489	ug/l		98
18) 2-Butanone	4.76	43	74866	61.840	ug/l		96
19) Cyclohexane	5.42	56	86324m	11.428	ug/l		
20) Methylcyclohexane	6.79	83	85071	10.087	ug/l	#	88
21) 2,2-Dichloropropane	4.70	77	86168	12.213	ug/l		95
22) cis-1,2-Dichloroethene	4.71	96	52225	9.925	ug/l		83
23) Diethyl Ether	2.40	59	32409	9.126	ug/l		90
24) tert-Butyl Alcohol	3.23	59	37558	118.332	ug/l		99
25) Methyl tert-Butyl Ether	3.41	73	112757	9.360	ug/l	#	71
26) Bromochloromethane	5.02	128	22693	9.958	ug/l		80
27) Chloroform	5.13	83	99534	12.176	ug/l		98
28) 1,1,1-Trichloroethane	5.35	97	87711	12.796	ug/l		96
29) 1,1-Dichloropropene	5.56	75	72701	10.867	ug/l		96
30) Carbon Tetrachloride	5.56	117	79200	13.494	ug/l		98
31) Isopropyl Ether	4.05	45	156639	12.486	ug/l		86
32) Ethyl-t-butyl ether	4.56	59	149147	11.363	ug/l		92
33) Tert-Amyl methyl ether	5.99	73	129247	10.754	ug/l		99
34) Propionitrile	4.83	54	21060	60.349	ug/l	#	94
35) Benzene	5.81	78	204041	10.533	ug/l		99
36) 1,2-Dichloroethane	5.83	62	71994	13.806	ug/l	#	94
37) Trichloroethene	6.57	130	51813	9.688	ug/l		92
38) 1,2-Dichloropropane	6.83	63	56104	11.519	ug/l		99
39) Methacrylonitrile	5.02	41	20386	13.900	ug/l	#	84
40) Methyl acrylate	4.90	55	27254	11.724	ug/l	#	95
41) Tetrahydrofuran	5.11	42	20037	25.076	ug/l	#	85
42) 1-Chlorobutane	5.49	56	106661	12.306	ug/l		84

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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICCC010

Manual Integrations APPROVED

Quant Time: Mar 09 15:43:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Mar 09 15:28:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.95	93	28530	11.223	ug/l		91
44) Bromodichloromethane	7.14	83	76078	12.651	ug/l		98
45) 4-Methyl-2-Pentanone	7.83	43	195064	68.104	ug/l	#	86
46) t-1,4-Dichloro-2-butene	10.86	75	22252m	17.641	ug/l		
47) Methyl methacrylate	7.00	69	51996	20.872	ug/l	#	67
48) Ethyl methacrylate	8.36	69	50132	10.418	ug/l		70
49) Toluene	8.00	92	131870	10.664	ug/l		100
50) t-1,3-Dichloropropene	8.24	75	69911	11.667	ug/l		99
51) cis-1,3-Dichloropropene	7.64	75	78700	10.837	ug/l	#	78
52) 1,1,2-Trichloroethane	8.43	97	38619	10.707	ug/l		97
53) 1,3-Dichloropropane	8.60	76	68645	11.103	ug/l		98
54) 2-Hexanone	8.71	43	138916	69.158	ug/l		85
55) Dibromochloromethane	8.84	129	49242	11.858	ug/l		99
56) 1,2-Dibromoethane	8.95	107	38979	11.223	ug/l		96
58) Tetrachloroethene	8.58	164	50233	9.397	ug/l		96
59) Chlorobenzene	9.47	112	140404	10.193	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.56	131	52801	12.002	ug/l		94
61) Pentachloroethane	11.45	117	40005	14.095	ug/l		94
62) Hexachloroethane	12.49	117	43131	11.924	ug/l		82
63) Ethyl Benzene	9.59	91	254729	11.034	ug/l		96
64) m/p-Xylenes	9.71	106	197073	21.567	ug/l		90
65) o-Xylene	10.12	106	93264	10.540	ug/l		89
66) Styrene	10.13	104	159259	10.748	ug/l		95
67) Bromoform	10.31	173	27228	11.451	ug/l	#	96
69) Isopropylbenzene	10.50	105	252578	10.866	ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.80	83	51465	11.309	ug/l		95
71) 1,2,3-Trichloropropane	10.85	75	44283m	13.638	ug/l		
72) Bromobenzene	10.80	156	56176	10.031	ug/l		87
73) n-propylbenzene	10.93	120	69405	10.641	ug/l		79
74) 2-Chlorotoluene	11.01	126	60410	10.784	ug/l		86
75) 1,3,5-Trimethylbenzene	11.11	105	223569	11.214	ug/l		95
76) 4-Chlorotoluene	11.11	126	61514	10.628	ug/l		77
77) tert-Butylbenzene	11.44	119	210928	11.165	ug/l		93
78) 1,2,4-Trimethylbenzene	11.48	105	231838	11.278	ug/l		95
79) sec-Butylbenzene	11.66	105	289700	11.053	ug/l		98
80) Nitrobenzene	13.24	77	6094	93.318	ug/l		92
81) p-Isopropyltoluene	11.81	119	238947	10.908	ug/l		95
82) 1,3-Dichlorobenzene	11.76	146	116242	10.375	ug/l		98
83) 1,4-Dichlorobenzene	11.85	146	116762	10.426	ug/l		98
84) n-Butylbenzene	12.22	91	227823	11.245	ug/l		97
85) 1,2-Dichlorobenzene	12.23	146	109486	10.211	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	9665	12.547	ug/l	#	76
87) 1,2,4-Trichlorobenzene	13.87	180	62305	9.085	ug/l		97
88) Hexachlorobutadiene	14.05	225	34435	9.161	ug/l		99
89) Naphthalene	14.12	128	113600	9.614	ug/l		99
90) 1,2,3-Trichlorobenzene	14.37	180	59162	9.172	ug/l		97

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

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