Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072920\
Data File : VU039696.D
Acq On : 29 Jul 2020 11:12
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 30 01:28:51 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

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Manual Integrations APPROVED
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7/31/2020 3:42:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	20590	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	7507	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery = 93.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	7134	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	7271	1.034	ug/l	93
3) Chloromethane	1.53	50	9187	1.097	ug/l	99
4) Vinyl Chloride	1.61	62	8496	1.036	ug/l	99
5) Bromomethane	1.86	94	6234	1.225	ug/l	94
6) Chloroethane	1.94	64	5675	1.135	ug/l	97
7) Trichlorofluoromethane	2.15	101	10906	1.220	ug/l	93
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	6229	1.136	ug/l	98
9) 1,1-Dichloroethene	2.59	96	5826	1.070	ug/l	97
10) Iodomethane	2.74	142	4589	1.267	ug/l	99
11) Allyl Chloride	2.93	41	12330	1.196	ug/l	95
12) Acrylonitrile	3.33	53	4141	2.677	ug/l	97
13) Acetone	2.64	43	9431	7.365	ug/l	92
14) Carbon Disulfide	2.81	76	20897	1.051	ug/l	95
15) Methylene Chloride	3.06	84	8563	1.134	ug/l	96
16) trans-1,2-Dichloroethene	3.37	96	6654	1.114	ug/l	97
17) 1,1-Dichloroethane	3.89	63	14285	1.225	ug/l	99
18) 2-Butanone	4.74	43	14850	7.516	ug/l	100
19) Cyclohexane	5.40	56	13797m	1.230	ug/l	
20) Methylcyclohexane	6.77	83	9254	0.872	ug/l	95
21) 2,2-Dichloropropane	4.68	77	11837	1.228	ug/l	96
22) cis-1,2-Dichloroethene	4.69	96	7199	1.137	ug/l	95
23) Diethyl Ether	2.39	59	5610	1.149	ug/l	94
24) tert-Butyl Alcohol	3.20	59	13311	23.923	ug/l #	89
25) Methyl tert-Butyl Ether	3.38	73	18632	1.210	ug/l	100
26) Bromochloromethane	4.99	128	2864	1.122	ug/l	96
27) Chloroform	5.11	83	13384	1.228	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	10403	1.164	ug/l	95
29) 1,1-Dichloropropene	5.54	75	10516	1.180	ug/l	98
30) Carbon Tetrachloride	5.54	117	8713	1.169	ug/l	99
31) Isopropyl Ether	4.02	45	25610	1.311	ug/l	96
32) Ethyl-t-butyl ether	4.53	59	22254	1.278	ug/l	96
33) Tert-Amyl methyl ether	5.97	73	15481	1.062	ug/l	99
34) Propionitrile	4.81	54	3961	7.216	ug/l #	93
35) Benzene	5.79	78	24787	1.013	ug/l	96
36) 1,2-Dichloroethane	5.82	62	9599	1.268	ug/l	98
37) Trichloroethene	6.56	130	6054	0.956	ug/l	97
38) 1,2-Dichloropropane	6.81	63	6863	1.028	ug/l	92
39) Methacrylonitrile	5.00	41	4449	1.717	ug/l	94
40) Methyl acrylate	4.87	55	5592	1.486	ug/l	95
41) Tetrahydrofuran	5.09	42	4877	3.744	ug/l #	89
42) 1-Chlorobutane	5.47	56	16174	1.237	ug/l	95

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ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

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Quant Time: Jul 30 01:28:51 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	4102	1.294	ug/l		90
44) Bromodichloromethane	7.12	83	8676	1.101	ug/l		98
45) 4-Methyl-2-Pentanone	7.81	43	26072	5.844	ug/l		99
46) t-1,4-Dichloro-2-butene	10.83	75	3070m	2.252	ug/l		
47) Methyl methacrylate	6.98	69	6373	1.985	ug/l		94
48) Ethyl methacrylate	8.35	69	5824	0.985	ug/l		97
49) Toluene	7.98	92	14010	0.907	ug/l		97
50) t-1,3-Dichloropropene	8.22	75	6852	0.863	ug/l		96
51) cis-1,3-Dichloropropene	7.62	75	8537	0.905	ug/l		99
52) 1,1,2-Trichloroethane	8.41	97	4685	1.057	ug/l		96
53) 1,3-Dichloropropane	8.58	76	9194	1.103	ug/l		96
54) 2-Hexanone	8.70	43	18712	5.914	ug/l		99
55) Dibromochloromethane	8.82	129	5176	1.055	ug/l		88
56) 1,2-Dibromoethane	8.93	107	4479	1.063	ug/l		93
58) Tetrachloroethene	8.56	164	4994	0.860	ug/l		95
59) Chlorobenzene	9.45	112	14700	0.900	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.54	131	5053	1.005	ug/l		98
61) Pentachloroethane	11.43	117	4075	1.047	ug/l		99
62) Hexachloroethane	12.47	117	3596	0.902	ug/l		97
63) Ethyl Benzene	9.57	91	25082	0.857	ug/l		99
64) m/p-Xylenes	9.70	106	18628	1.648	ug/l		95
65) o-Xylene	10.10	106	9425	0.860	ug/l		97
66) Styrene	10.11	104	15480	0.851	ug/l		99
67) Bromoform	10.29	173	2303	0.894	ug/l	#	96
69) Isopropylbenzene	10.48	105	24472	0.854	ug/l		96
70) 1,1,2,2-Tetrachloroethane	10.78	83	6677	1.146	ug/l		96
71) 1,2,3-Trichloropropane	10.83	75	4269m	0.971	ug/l		
72) Bromobenzene	10.78	156	5874	0.922	ug/l		96
73) n-propylbenzene	10.91	120	7034	0.892	ug/l		97
74) 2-Chlorotoluene	10.99	126	5937	0.897	ug/l		99
75) 1,3,5-Trimethylbenzene	11.09	105	20701	0.861	ug/l		97
76) 4-Chlorotoluene	11.10	126	6153	0.892	ug/l		96
77) tert-Butylbenzene	11.42	119	19951	0.874	ug/l		100
78) 1,2,4-Trimethylbenzene	11.47	105	20506	0.828	ug/l		99
79) sec-Butylbenzene	11.64	105	29566	0.906	ug/l		99
80) Nitrobenzene	13.20	77	488	3.085	ug/l	#	77
81) p-Isopropyltoluene	11.79	119	23239	0.881	ug/l		98
82) 1,3-Dichlorobenzene	11.74	146	12551	0.943	ug/l		98
83) 1,4-Dichlorobenzene	11.83	146	13186	0.979	ug/l		96
84) n-Butylbenzene	12.20	91	24576	0.928	ug/l		97
85) 1,2-Dichlorobenzene	12.21	146	12377	0.991	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.99	75	1050	1.108	ug/l		94
87) 1,2,4-Trichlorobenzene	13.83	180	7579	0.847	ug/l		95
88) Hexachlorobutadiene	14.01	225	3537	0.893	ug/l		96
89) Naphthalene	14.08	128	14079	0.800	ug/l		99
90) 1,2,3-Trichlorobenzene	14.32	180	6796	0.848	ug/l		98

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

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