Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020519\
Data File : VU029339.D
Acq On : 05 Feb 2019 10:42
Operator : JC/SP
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
sam
2/8/2019 2:26:08 PM

Quant Time: Feb 08 10:32:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	49764	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	19578	1.01	ug/l		0.00
Spiked Amount 1.000			Recovery = 101.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	20430	1.03	ug/l		0.00
Spiked Amount 1.000			Recovery = 103.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	10689	0.576	ug/l		96
3) Chloromethane	1.32	50	10991	0.648	ug/l		98
4) Vinyl Chloride	1.40	62	11099	0.558	ug/l		99
5) Bromomethane	1.63	94	6460	0.584	ug/l		91
6) Chloroethane	1.70	64	7229m	0.622	ug/l		
7) Trichlorofluoromethane	1.89	101	14882	0.536	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	8337	0.568	ug/l	#	90
9) 1,1-Dichloroethene	2.29	96	8371	0.583	ug/l		78
10) Iodomethane	2.41	142	10846	0.589	ug/l	#	79
11) Allyl Chloride	2.59	41	13173	0.547	ug/l		91
12) Acrylonitrile	2.95	53	3582	1.113	ug/l	#	86
13) Acetone	2.36	43	9254	2.999	ug/l		94
14) Carbon Disulfide	2.48	76	27558	0.544	ug/l		95
15) Methylene Chloride	2.70	84	10690	0.614	ug/l	#	79
16) trans-1,2-Dichloroethene	2.98	96	8807	0.549	ug/l	#	76
17) 1,1-Dichloroethane	3.44	63	14886	0.585	ug/l		95
18) 2-Butanone	4.31	43	7081m	2.043	ug/l		
19) Cyclohexane	4.99	56	12150m	0.542	ug/l		
20) Methylcyclohexane	6.41	83	13638	0.550	ug/l	#	85
21) 2,2-Dichloropropane	4.22	77	13129	0.558	ug/l		99
22) cis-1,2-Dichloroethene	4.22	96	7916	0.523	ug/l		85
23) Diethyl Ether	2.11	59	6374	0.553	ug/l		94
25) Methyl tert-Butyl Ether	3.01	73	20887	0.517	ug/l		91
26) Bromochloromethane	4.55	128	4015	0.601	ug/l		68
27) Chloroform	4.67	83	12819	0.518	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	11953	0.521	ug/l		96
29) 1,1-Dichloropropene	5.13	75	10823	0.544	ug/l		97
30) Carbon Tetrachloride	5.13	117	11731	0.565	ug/l		98
31) Isopropyl Ether	3.58	45	24417	0.636	ug/l		87
32) Ethyl-t-butyl ether	4.08	59	21069	0.548	ug/l		92
33) Tert-Amyl methyl ether	5.59	73	20261	0.582	ug/l		96
35) Benzene	5.39	78	29101	0.529	ug/l		98
36) 1,2-Dichloroethane	5.41	62	9359	0.562	ug/l	#	91
37) Trichloroethene	6.19	130	8043	0.509	ug/l		96
38) 1,2-Dichloropropane	6.43	63	8067	0.563	ug/l		96
42) 1-Chlorobutane	5.06	56	13366	0.501	ug/l		90
43) Dibromomethane	6.56	93	3817	0.500	ug/l		90
44) Bromodichloromethane	6.76	83	10679	0.549	ug/l		98
45) 4-Methyl-2-Pentanone	7.47	43	23217	2.595	ug/l		92
46) t-1,4-Dichloro-2-butene	10.52	75	5086m	1.171	ug/l		
47) Methyl methacrylate	6.63	69	7163	1.067	ug/l	#	87

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
48) Ethyl methacrylate	8.03	69	7099	0.493 ug/l		85
49) Toluene	7.64	92	19050	0.541 ug/l		97
50) t-1,3-Dichloropropene	7.89	75	10649	0.559 ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	12261	0.541 ug/l	#	83
52) 1,1,2-Trichloroethane	8.07	97	5917	0.586 ug/l	#	88
53) 1,3-Dichloropropane	8.24	76	9702	0.547 ug/l		89
54) 2-Hexanone	8.37	43	16061	2.561 ug/l		88
55) Dibromochloromethane	8.48	129	7484	0.521 ug/l		96
56) 1,2-Dibromoethane	8.59	107	5987	0.578 ug/l		93
58) Tetrachloroethene	8.23	164	8158	0.555 ug/l		97
59) Chlorobenzene	9.12	112	19808	0.499 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	7998	0.545 ug/l		95
61) Pentachloroethane	11.10	117	6015	0.529 ug/l		93
62) Hexachloroethane	12.14	117	6923	0.558 ug/l		93
63) Ethyl Benzene	9.25	91	36088	0.524 ug/l		93
64) m/p-Xylenes	9.37	106	28272	1.056 ug/l		91
65) o-Xylene	9.78	106	14268	0.543 ug/l		87
66) Styrene	9.79	104	22515	0.514 ug/l		96
67) Bromoform	9.96	173	4870	0.545 ug/l	#	98
69) Isopropylbenzene	10.17	105	36709	0.523 ug/l		96
70) 1,1,2,2-Tetrachloroethane	10.46	83	6702	0.518 ug/l	#	92
71) 1,2,3-Trichloropropane	10.49	75	4821m	0.532 ug/l		
72) Bromobenzene	10.45	156	8569	0.503 ug/l		91
73) n-propylbenzene	10.59	120	10538	0.539 ug/l		77
74) 2-Chlorotoluene	10.66	126	9123	0.548 ug/l		74
75) 1,3,5-Trimethylbenzene	10.77	105	32023	0.529 ug/l		98
76) 4-Chlorotoluene	10.77	126	9189	0.532 ug/l		73
77) tert-Butylbenzene	11.10	119	31967	0.534 ug/l		93
78) 1,2,4-Trimethylbenzene	11.15	105	30780	0.502 ug/l		92
79) sec-Butylbenzene	11.32	105	39824	0.509 ug/l		96
80) Nitrobenzene	12.84	77	29	0.051 ug/l	#	1
81) p-Isopropyltoluene	11.48	119	34466	0.519 ug/l		96
82) 1,3-Dichlorobenzene	11.42	146	17301	0.518 ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	17096	0.514 ug/l		96
84) n-Butylbenzene	11.89	91	30813	0.506 ug/l		96
85) 1,2-Dichlorobenzene	11.88	146	16411	0.520 ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1241	0.514 ug/l	#	71
87) 1,2,4-Trichlorobenzene	13.51	180	10274	0.463 ug/l		98
88) Hexachlorobutadiene	13.69	225	6870	0.535 ug/l		96
89) Naphthalene	13.75	128	17092	0.454 ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	10752	0.530 ug/l		89

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

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