Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082018\
Data File : VU026201.D
Acq On : 20 Aug 2018 12:00
Operator : MD/SY
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
MMDadoda
8/21/2018 11:34:24 AM

Quant Time: Aug 20 13:17:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:08:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	33413	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	11756	0.95	ug/l		0.00
Spiked Amount 1.000			Recovery = 95.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	14485	1.05	ug/l		0.00
Spiked Amount 1.000			Recovery = 105.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	27122	2.28	ug/l		100
3) Chloromethane	1.33	50	22392	1.99	ug/l		95
4) Vinyl Chloride	1.40	62	22716	2.18	ug/l		95
5) Bromomethane	1.63	94	12381	2.44	ug/l		95
6) Chloroethane	1.70	64	13116	2.10	ug/l		100
7) Trichlorofluoromethane	1.89	101	34468	2.27	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	18991	2.27	ug/l		98
9) 1,1-Dichloroethene	2.29	96	16346	2.22	ug/l		98
10) Iodomethane	2.41	142	22776	3.75	ug/l		93
11) Allyl Chloride	2.60	41	27232	2.21	ug/l		89
12) Acrylonitrile	2.94	53	7545	4.65	ug/l		98
13) Acetone	2.32	43	14894	10.55	ug/l		98
14) Carbon Disulfide	2.48	76	55038	2.18	ug/l		98
15) Methylene Chloride	2.70	84	19253	2.19	ug/l		94
16) trans-1,2-Dichloroethene	2.99	96	17980	2.18	ug/l		94
17) 1,1-Dichloroethane	3.45	63	34824	2.13	ug/l		100
18) 2-Butanone	4.28	43	25320	10.33	ug/l		97
19) Cyclohexane	5.00	56	24115	1.91	ug/l	#	85
20) Methylcyclohexane	6.42	83	27408	1.77	ug/l		99
21) 2,2-Dichloropropane	4.23	77	35240	2.26	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	21804	2.10	ug/l		94
23) Diethyl Ether	2.10	59	11953	2.14	ug/l		97
24) tert-Butyl Alcohol	2.84	59	12806	19.54	ug/l	#	77
25) Methyl tert-Butyl Ether	3.00	73	42828	2.15	ug/l		93
26) Bromochloromethane	4.55	128	9898	2.16	ug/l		85
27) Chloroform	4.68	83	39843	2.21	ug/l		99
28) 1,1,1-Trichloroethane	4.92	97	34903	2.15	ug/l		97
29) 1,1-Dichloropropene	5.14	75	27175	2.04	ug/l		98
30) Carbon Tetrachloride	5.14	117	32519	2.21	ug/l		97
31) Isopropyl Ether	3.58	45	56334	2.15	ug/l		90
32) Ethyl-t-butyl ether	4.08	59	47158	1.89	ug/l		93
33) Tert-Amyl methyl ether	5.59	73	40255	1.83	ug/l		99
34) Propionitrile	4.33	54	7507	11.02	ug/l	#	91
35) Benzene	5.39	78	79857	2.15	ug/l		100
36) 1,2-Dichloroethane	5.41	62	24733	2.16	ug/l		99
37) Trichloroethene	6.19	130	22428	2.05	ug/l		94
38) 1,2-Dichloropropane	6.44	63	20810	2.15	ug/l		99
39) Methacrylonitrile	4.55	41	6142	1.96	ug/l		91
40) Methyl acrylate	4.44	55	9613	2.03	ug/l	#	97
41) Tetrahydrofuran	4.65	42	6751	3.64	ug/l		95
42) 1-Chlorobutane	5.07	56	35518	1.96	ug/l		94

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Quant Time: Aug 20 13:17:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:08:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	10883	2.16	ug/l		97
44) Bromodichloromethane	6.76	83	28674	2.24	ug/l		98
45) 4-Methyl-2-Pentanone	7.47	43	55158	9.81	ug/l		99
46) t-1,4-Dichloro-2-butene	10.51	75	9879m	5.32	ug/l		
47) Methyl methacrylate	6.63	69	16432	3.90	ug/l		97
48) Ethyl methacrylate	8.02	69	14500	1.71	ug/l		100
49) Toluene	7.64	92	45111	1.98	ug/l		98
50) t-1,3-Dichloropropene	7.88	75	23760	2.06	ug/l		98
51) cis-1,3-Dichloropropene	7.27	75	26505	1.92	ug/l		95
52) 1,1,2-Trichloroethane	8.07	97	14696	2.17	ug/l		93
53) 1,3-Dichloropropane	8.25	76	24919	2.18	ug/l		99
54) 2-Hexanone	8.37	43	38272	9.64	ug/l		95
55) Dibromochloromethane	8.48	129	20584	2.39	ug/l		97
56) 1,2-Dibromoethane	8.59	107	14360	2.20	ug/l		99
58) Tetrachloroethene	8.23	164	21688	2.20	ug/l		93
59) Chlorobenzene	9.12	112	52281	2.00	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	20793	2.14	ug/l		96
61) Pentachloroethane	11.10	117	18398	2.48	ug/l		92
62) Hexachloroethane	12.15	117	18185	2.40	ug/l		90
63) Ethyl Benzene	9.25	91	77333	1.78	ug/l		99
64) m/p-Xylenes	9.38	106	63485	3.71	ug/l		99
65) o-Xylene	9.78	106	30840	1.89	ug/l		95
66) Styrene	9.80	104	52077	1.88	ug/l		99
67) Bromoform	9.96	173	11502	2.27	ug/l	#	94
69) Isopropylbenzene	10.17	105	78835	1.79	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.46	83	19007	2.24	ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	12368m	1.87	ug/l		
72) Bromobenzene	10.45	156	23400	2.05	ug/l		97
73) n-propylbenzene	10.59	120	23254	1.87	ug/l		95
74) 2-Chlorotoluene	10.66	126	22335	2.04	ug/l		89
75) 1,3,5-Trimethylbenzene	10.77	105	71311	1.85	ug/l		99
76) 4-Chlorotoluene	10.78	126	22749	1.98	ug/l		96
77) tert-Butylbenzene	11.10	119	71325	1.88	ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	74411	1.90	ug/l		99
79) sec-Butylbenzene	11.33	105	95399	1.91	ug/l		100
80) Nitrobenzene	12.86	77	3860	14.93	ug/l	#	94
81) p-Isopropyltoluene	11.48	119	79505	1.88	ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	49532	2.11	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	48802	2.13	ug/l		98
84) n-Butylbenzene	11.89	91	77261	1.95	ug/l		95
85) 1,2-Dichlorobenzene	11.88	146	45288	2.11	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3239	2.31	ug/l		98
87) 1,2,4-Trichlorobenzene	13.51	180	30927	2.07	ug/l		96
88) Hexachlorobutadiene	13.70	225	19108	2.08	ug/l		97
89) Naphthalene	13.74	128	45210	1.86	ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	28399	2.08	ug/l		100

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

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