Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
Data File : VU025631.D
Acq On : 25 Jul 2018 11:50
Operator : MD/SY
Sample : VSTDICC020
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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7/26/2018 4:26:34 PM

Quant Time: Jul 25 12:10:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 11:50:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	40366	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	14884	1.13	ug/l		0.00
Spiked Amount 1.000			Recovery = 113.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	17203	1.34	ug/l		0.00
Spiked Amount 1.000			Recovery = 134.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	271665	20.728	ug/l		100
3) Chloromethane	1.33	50	250949	16.525	ug/l		99
4) Vinyl Chloride	1.41	62	244294	16.769	ug/l		99
5) Bromomethane	1.63	94	120115	15.422	ug/l		99
6) Chloroethane	1.70	64	141911	17.500	ug/l		98
7) Trichlorofluoromethane	1.89	101	345455	20.658	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	190090	18.503	ug/l		99
9) 1,1-Dichloroethene	2.28	96	166390	17.444	ug/l		95
10) Iodomethane	2.41	142	184710	16.286	ug/l		94
11) Allyl Chloride	2.59	41	280227	15.983	ug/l		88
12) Acrylonitrile	2.94	53	73046	37.111	ug/l		96
13) Acetone	2.32	43	152674	91.389	ug/l		95
14) Carbon Disulfide	2.48	76	574076	18.294	ug/l		100
15) Methylene Chloride	2.70	84	183676	16.907	ug/l		95
16) trans-1,2-Dichloroethene	2.98	96	187582	18.356	ug/l		93
17) 1,1-Dichloroethane	3.45	63	378194	18.788	ug/l		98
18) 2-Butanone	4.28	43	281255	104.188	ug/l		98
19) Cyclohexane	4.99	56	310316	17.843	ug/l		89
20) Methylcyclohexane	6.42	83	380579	21.449	ug/l		93
21) 2,2-Dichloropropane	4.23	77	335670	21.029	ug/l		100
22) cis-1,2-Dichloroethene	4.23	96	238424	21.560	ug/l		93
23) Diethyl Ether	2.10	59	127473	16.347	ug/l		96
24) tert-Butyl Alcohol	2.84	59	139418	237.105	ug/l	#	81
25) Methyl tert-Butyl Ether	3.00	73	451369	18.830	ug/l		99
26) Bromochloromethane	4.55	128	102083	23.361	ug/l		83
27) Chloroform	4.68	83	406396	21.438	ug/l		97
28) 1,1,1-Trichloroethane	4.91	97	371085	23.863	ug/l		98
29) 1,1-Dichloropropene	5.14	75	316969	20.774	ug/l		97
30) Carbon Tetrachloride	5.14	117	352489	26.942	ug/l		98
31) Isopropyl Ether	3.58	45	607273	17.873	ug/l		95
32) Ethyl-t-butyl ether	4.08	59	587568	20.238	ug/l		94
33) Tert-Amyl methyl ether	5.59	73	527680	21.473	ug/l		98
34) Propionitrile	4.34	54	81996	106.679	ug/l	#	93
35) Benzene	5.39	78	868629	19.154	ug/l		100
36) 1,2-Dichloroethane	5.41	62	265674	20.714	ug/l		98
37) Trichloroethene	6.19	130	253362	20.812	ug/l		99
38) 1,2-Dichloropropane	6.44	63	224005	18.010	ug/l		98
39) Methacrylonitrile	4.55	41	72179	18.365	ug/l		92
40) Methyl acrylate	4.43	55	114844	21.067	ug/l	#	96
41) Tetrahydrofuran	4.65	42	73607	36.347	ug/l		91
42) 1-Chlorobutane	5.07	56	430235	19.455	ug/l		99

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Quant Time: Jul 25 12:10:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	117568	21.977 ug/l	97
44) Bromodichloromethane	6.76	83	301562	22.434 ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	686778	108.625 ug/l	97
46) t-1,4-Dichloro-2-butene	10.52	75	123829m	66.243 ug/l	
47) Methyl methacrylate	6.63	69	210488	43.426 ug/l	95
48) Ethyl methacrylate	8.02	69	215032	25.373 ug/l	98
49) Toluene	7.64	92	554356	21.162 ug/l	99
50) t-1,3-Dichloropropene	7.88	75	287672	25.072 ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	333683	22.343 ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	158763	20.857 ug/l	98
53) 1,3-Dichloropropane	8.25	76	275462	20.357 ug/l	99
54) 2-Hexanone	8.37	43	485941	112.829 ug/l	98
55) Dibromochloromethane	8.48	129	212368	25.463 ug/l	97
56) 1,2-Dibromoethane	8.59	107	156634	23.882 ug/l	99
58) Tetrachloroethene	8.23	164	237180	21.368 ug/l	97
59) Chlorobenzene	9.12	112	630366	22.481 ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.21	131	234119	24.583 ug/l	98
61) Pentachloroethane	11.10	117	183141	27.093 ug/l	94
62) Hexachloroethane	12.15	117	199754	30.789 ug/l	97
63) Ethyl Benzene	9.25	91	1101519	23.634 ug/l	99
64) m/p-Xylenes	9.38	106	860021	47.848 ug/l	99
65) o-Xylene	9.78	106	419319	24.226 ug/l	97
66) Styrene	9.80	104	713146	24.984 ug/l	99
67) Bromoform	9.96	173	126890	29.130 ug/l	99
69) Isopropylbenzene	10.17	105	1128830	25.319 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	201879	23.531 ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	143754m	23.413 ug/l	
72) Bromobenzene	10.45	156	282165	25.421 ug/l	95
73) n-propylbenzene	10.59	120	321866	26.116 ug/l	93
74) 2-Chlorotoluene	10.66	126	277678	25.481 ug/l	87
75) 1,3,5-Trimethylbenzene	10.78	105	984094	26.199 ug/l	100
76) 4-Chlorotoluene	10.78	126	286934	25.416 ug/l	94
77) tert-Butylbenzene	11.10	119	966213	27.457 ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	1015246	26.771 ug/l	100
79) sec-Butylbenzene	11.33	105	1283097	26.039 ug/l	98
80) Nitrobenzene	12.87	77	39744	133.381 ug/l	97
81) p-Isopropyltoluene	11.48	119	1110452	27.422 ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	576823	26.037 ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	571448	25.829 ug/l	100
84) n-Butylbenzene	11.89	91	1044928	26.432 ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	525237	26.260 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	37246	30.764 ug/l	93
87) 1,2,4-Trichlorobenzene	13.51	180	399150	27.590 ug/l	99
88) Hexachlorobutadiene	13.70	225	227485	25.933 ug/l	98
89) Naphthalene	13.74	128	666819	30.607 ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	357357	26.315 ug/l	99

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

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