Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041519\
Data File : VU031200.D
Acq On : 15 Apr 2019 21:54
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 16 04:33:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:10:13 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
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4/16/2019 3:23:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	35513	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	13258	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	12797	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery = 106.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	75848	5.266	ug/l	99
3) Chloromethane	1.32	50	79914	4.695	ug/l	98
4) Vinyl Chloride	1.40	62	76548	4.713	ug/l	100
5) Bromomethane	1.63	94	46633	5.811	ug/l	99
6) Chloroethane	1.70	64	51512	5.452	ug/l	97
7) Trichlorofluoromethane	1.89	101	114040	5.888	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	58815	6.031	ug/l	97
9) 1,1-Dichloroethene	2.29	96	56113	5.807	ug/l	97
10) Iodomethane	2.41	142	81006	6.440	ug/l	99
11) Allyl Chloride	2.59	41	108499	5.248	ug/l	97
12) Acrylonitrile	2.94	53	32868	10.460	ug/l	98
13) Acetone	2.33	43	70267	24.378	ug/l	97
14) Carbon Disulfide	2.48	76	204933	5.772	ug/l	100
15) Methylene Chloride	2.70	84	65971	5.005	ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	62019	5.673	ug/l	97
17) 1,1-Dichloroethane	3.44	63	101405	4.739	ug/l	99
18) 2-Butanone	4.28	43	82203	22.377	ug/l	100
19) Cyclohexane	4.99	56	75214	4.358	ug/l	96
20) Methylcyclohexane	6.41	83	74029	4.943	ug/l	99
21) 2,2-Dichloropropane	4.22	77	79358	4.801	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	58645	5.313	ug/l	99
23) Diethyl Ether	2.10	59	52648	5.414	ug/l	100
24) tert-Butyl Alcohol	2.87	59	56252m	49.515	ug/l	
25) Methyl tert-Butyl Ether	3.00	73	162762	5.387	ug/l	99
26) Bromochloromethane	4.54	128	26312	5.504	ug/l	98
27) Chloroform	4.67	83	99820	4.926	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	84538	5.067	ug/l	99
29) 1,1-Dichloropropene	5.13	75	72888	4.988	ug/l	99
30) Carbon Tetrachloride	5.13	117	75048	5.151	ug/l	96
31) Isopropyl Ether	3.57	45	146297	4.209	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	124070	4.392	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	111561	4.696	ug/l	99
34) Propionitrile	4.34	54	24003	26.287	ug/l #	96
35) Benzene	5.39	78	216686	4.995	ug/l	99
36) 1,2-Dichloroethane	5.40	62	67853	4.917	ug/l	98
37) Trichloroethene	6.18	130	56540	5.355	ug/l	99
38) 1,2-Dichloropropane	6.43	63	57658	4.660	ug/l	99
39) Methacrylonitrile	4.55	41	19864	4.399	ug/l	98
40) Methyl acrylate	4.43	55	26781	4.827	ug/l #	94
41) Tetrahydrofuran	4.65	42	21219	8.732	ug/l	97
42) 1-Chlorobutane	5.06	56	108420	4.884	ug/l	100

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Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC005

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Quant Time: Apr 16 04:33:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	30602	5.273	ug/l		99
44) Bromodichloromethane	6.75	83	74147	4.891	ug/l		97
45) 4-Methyl-2-Pentanone	7.46	43	192879	23.366	ug/l		98
46) t-1,4-Dichloro-2-butene	10.51	75	28053m	9.872	ug/l		
47) Methyl methacrylate	6.62	69	56005	10.587	ug/l		99
48) Ethyl methacrylate	8.02	69	48710	4.916	ug/l		91
49) Toluene	7.63	92	125150	5.287	ug/l		98
50) t-1,3-Dichloropropene	7.88	75	64964	4.998	ug/l		98
51) cis-1,3-Dichloropropene	7.27	75	77531	4.964	ug/l		99
52) 1,1,2-Trichloroethane	8.06	97	41912	5.062	ug/l		97
53) 1,3-Dichloropropane	8.24	76	73118	5.045	ug/l		99
54) 2-Hexanone	8.36	43	132638	24.222	ug/l		95
55) Dibromochloromethane	8.47	129	49378	5.249	ug/l		99
56) 1,2-Dibromoethane	8.58	107	38712	5.181	ug/l		97
58) Tetrachloroethene	8.22	164	50748	5.408	ug/l		97
59) Chlorobenzene	9.12	112	134863	5.210	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.20	131	50695	5.190	ug/l		96
61) Pentachloroethane	11.10	117	37939	5.069	ug/l		95
62) Hexachloroethane	12.14	117	36656	5.154	ug/l		98
63) Ethyl Benzene	9.25	91	220886	5.153	ug/l		98
64) m/p-Xylenes	9.37	106	176018	11.231	ug/l		98
65) o-Xylene	9.77	106	83254	5.466	ug/l		98
66) Styrene	9.79	104	145454	5.531	ug/l		99
67) Bromoform	9.95	173	28441	5.260	ug/l		98
69) Isopropylbenzene	10.16	105	219580	5.403	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.45	83	53961	4.956	ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	39543m	4.777	ug/l		
72) Bromobenzene	10.45	156	56281	5.478	ug/l		98
73) n-propylbenzene	10.59	120	59574	5.495	ug/l		99
74) 2-Chlorotoluene	10.66	126	55879	5.648	ug/l		97
75) 1,3,5-Trimethylbenzene	10.77	105	193884	5.632	ug/l		99
76) 4-Chlorotoluene	10.77	126	54968	5.444	ug/l		95
77) tert-Butylbenzene	11.10	119	179796	5.360	ug/l		99
78) 1,2,4-Trimethylbenzene	11.14	105	196174	5.594	ug/l		100
79) sec-Butylbenzene	11.32	105	248675	5.455	ug/l		99
80) Nitrobenzene	12.86	77	8586	26.496	ug/l	#	95
81) p-Isopropyltoluene	11.47	119	201089	5.626	ug/l		100
82) 1,3-Dichlorobenzene	11.41	146	111619	5.486	ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	110292	5.484	ug/l		98
84) n-Butylbenzene	11.89	91	192243	5.351	ug/l		98
85) 1,2-Dichlorobenzene	11.87	146	103319	5.343	ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	8377	4.928	ug/l		98
87) 1,2,4-Trichlorobenzene	13.50	180	65181	5.644	ug/l		98
88) Hexachlorobutadiene	13.69	225	40864	5.895	ug/l		98
89) Naphthalene	13.74	128	112940	5.551	ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	63783	5.553	ug/l		99

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

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