Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042619\
Data File : VU031509.D
Acq On : 25 Apr 2019 19:50
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMdadoda
4/26/2019 12:22:31 PM

Quant Time: Apr 26 03:49:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 02:56:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	75451	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	27220	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	24993	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery = 92.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	171315	5.240	ug/l	96
3) Chloromethane	1.32	50	202999	5.773	ug/l	100
4) Vinyl Chloride	1.40	62	193961	5.646	ug/l	99
5) Bromomethane	1.62	94	90554	4.693	ug/l	99
6) Chloroethane	1.69	64	107453	4.706	ug/l	98
7) Trichlorofluoromethane	1.88	101	222454	4.620	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	108740	4.552	ug/l	99
9) 1,1-Dichloroethene	2.28	96	109720	4.598	ug/l	99
10) Iodomethane	2.41	142	127435	4.053	ug/l	99
11) Allyl Chloride	2.59	41	237283	5.006	ug/l	99
12) Acrylonitrile	2.93	53	65871	9.514	ug/l	94
13) Acetone	2.32	43	142731	22.582	ug/l	96
14) Carbon Disulfide	2.47	76	418811	4.734	ug/l	100
15) Methylene Chloride	2.69	84	129574	4.223	ug/l	98
16) trans-1,2-Dichloroethene	2.97	96	123473	4.679	ug/l	98
17) 1,1-Dichloroethane	3.44	63	259735	5.899	ug/l	100
18) 2-Butanone	4.27	43	205587	30.084	ug/l	97
19) Cyclohexane	4.99	56	209473m	6.579	ug/l	
20) Methylcyclohexane	6.41	83	167117	5.446	ug/l	98
21) 2,2-Dichloropropane	4.22	77	185564	5.520	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	130894	5.486	ug/l	97
23) Diethyl Ether	2.10	59	104832	4.703	ug/l	97
24) tert-Butyl Alcohol	2.83	59	109874	46.692	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	314827	4.532	ug/l	99
26) Bromochloromethane	4.54	128	56336	5.241	ug/l	98
27) Chloroform	4.67	83	237384	5.518	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	197536	5.425	ug/l	100
29) 1,1-Dichloropropene	5.13	75	168183	5.484	ug/l	98
30) Carbon Tetrachloride	5.13	117	169963	5.323	ug/l	100
31) Isopropyl Ether	3.57	45	387943	5.947	ug/l	98
32) Ethyl-t-butyl ether	4.06	59	318225	5.806	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	261180	5.604	ug/l	99
34) Propionitrile	4.33	54	54033	28.727	ug/l #	92
35) Benzene	5.38	78	509080	5.632	ug/l	98
36) 1,2-Dichloroethane	5.40	62	161535	5.607	ug/l	99
37) Trichloroethene	6.18	130	122561	4.910	ug/l	96
38) 1,2-Dichloropropane	6.43	63	141098	5.824	ug/l	100
39) Methacrylonitrile	4.54	41	47768	5.653	ug/l	98
40) Methyl acrylate	4.42	55	63380	5.813	ug/l	97
41) Tetrahydrofuran	4.64	42	49726	11.541	ug/l	99
42) 1-Chlorobutane	5.06	56	260213	5.931	ug/l	97

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Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

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MMdadoda
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Quant Time: Apr 26 03:49:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 02:56:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	68405	5.333 ug/l	100
44) Bromodichloromethane	6.75	83	172997	5.567 ug/l	98
45) 4-Methyl-2-Pentanone	7.46	43	431932	28.477 ug/l	98
46) t-1,4-Dichloro-2-butene	10.50	75	54022m	9.586 ug/l	
47) Methyl methacrylate	6.62	69	115640	10.793 ug/l	98
48) Ethyl methacrylate	8.02	69	99183	5.253 ug/l	99
49) Toluene	7.63	92	272527	5.531 ug/l	95
50) t-1,3-Dichloropropene	7.88	75	140077	5.340 ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	169435	5.423 ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	90364	5.253 ug/l	94
53) 1,3-Dichloropropane	8.24	76	164304	5.586 ug/l	100
54) 2-Hexanone	8.36	43	291787	28.437 ug/l	97
55) Dibromochloromethane	8.47	129	102769	5.058 ug/l	98
56) 1,2-Dibromoethane	8.58	107	83483	5.230 ug/l	99
58) Tetrachloroethene	8.22	164	119861	5.623 ug/l	98
59) Chlorobenzene	9.12	112	279009	5.148 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.20	131	106946	5.247 ug/l	99
61) Pentachloroethane	11.10	117	75305	4.835 ug/l	93
62) Hexachloroethane	12.14	117	74974	4.926 ug/l	98
63) Ethyl Benzene	9.25	91	479768	5.510 ug/l	100
64) m/p-Xylenes	9.37	106	372973	11.298 ug/l	98
65) o-Xylene	9.77	106	176091	5.558 ug/l	99
66) Styrene	9.79	104	306690	5.709 ug/l	98
67) Bromoform	9.95	173	53854	4.642 ug/l	98
69) Isopropylbenzene	10.16	105	454132	5.362 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	116803	5.230 ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	83274m	5.179 ug/l	
72) Bromobenzene	10.45	156	111549	5.020 ug/l	95
73) n-propylbenzene	10.58	120	121210	5.372 ug/l	95
74) 2-Chlorotoluene	10.66	126	117632	5.660 ug/l	98
75) 1,3,5-Trimethylbenzene	10.77	105	415471	5.765 ug/l	98
76) 4-Chlorotoluene	10.77	126	118479	5.639 ug/l	99
77) tert-Butylbenzene	11.10	119	367374	5.279 ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	422449	5.830 ug/l	99
79) sec-Butylbenzene	11.32	105	523693	5.550 ug/l	99
80) Nitrobenzene	12.86	77	12524m	17.710 ug/l	
81) p-Isopropyltoluene	11.47	119	411350	5.449 ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	230306	5.239 ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	229523	5.409 ug/l	99
84) n-Butylbenzene	11.89	91	391044	5.350 ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	212916	5.187 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.65	75	16640	5.255 ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	112340	4.568 ug/l	97
88) Hexachlorobutadiene	13.69	225	76715	4.608 ug/l	98
89) Naphthalene	13.74	128	189138	4.600 ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	114319	4.631 ug/l	96

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

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