Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040219\
Data File : VU030610.D
Acq On : 02 Apr 2019 19:25
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/3/2019 11:44:12 AM

Quant Time: Apr 03 02:11:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U040219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Apr 03 01:47:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	37513	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	13946	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	12572	0.82	ug/l	0.00
Spiked Amount 1.000			Recovery = 82.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	76974	5.444	ug/l	99
3) Chloromethane	1.32	50	87859	5.482	ug/l	97
4) Vinyl Chloride	1.40	62	85956	6.074	ug/l	100
5) Bromomethane	1.63	94	37222	4.774	ug/l	97
6) Chloroethane	1.70	64	48834	6.019	ug/l	98
7) Trichlorofluoromethane	1.88	101	101320	5.610	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	49826	5.154	ug/l	99
9) 1,1-Dichloroethene	2.28	96	49809	5.223	ug/l	95
10) Iodomethane	2.41	142	64125	7.192	ug/l	99
11) Allyl Chloride	2.59	41	111723	7.533	ug/l	96
12) Acrylonitrile	2.93	53	31649	14.078	ug/l	93
13) Acetone	2.32	43	73146	36.882	ug/l	100
14) Carbon Disulfide	2.47	76	178609	5.343	ug/l	98
15) Methylene Chloride	2.69	84	61277	5.348	ug/l	98
16) trans-1,2-Dichloroethene	2.97	96	54289	4.956	ug/l	97
17) 1,1-Dichloroethane	3.44	63	114848	5.971	ug/l	100
18) 2-Butanone	4.27	43	104652	37.862	ug/l	100
19) Cyclohexane	4.98	56	96147m	5.833	ug/l	
20) Methylcyclohexane	6.41	83	82753	4.784	ug/l	98
21) 2,2-Dichloropropane	4.22	77	90716	5.663	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	61021	5.007	ug/l	99
23) Diethyl Ether	2.10	59	49741	6.598	ug/l	99
24) tert-Butyl Alcohol	2.83	59	60060	71.971	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	156656	6.257	ug/l	98
26) Bromochloromethane	4.54	128	26030	4.903	ug/l	99
27) Chloroform	4.67	83	109625	5.505	ug/l	96
28) 1,1,1-Trichloroethane	4.91	97	88178	5.416	ug/l	99
29) 1,1-Dichloropropene	5.13	75	79803	5.394	ug/l	99
30) Carbon Tetrachloride	5.13	117	76005	5.241	ug/l	95
31) Isopropyl Ether	3.58	45	188531	6.695	ug/l	98
32) Ethyl-t-butyl ether	4.07	59	150956	5.789	ug/l	98
33) Tert-Amyl methyl ether	5.58	73	128587	5.493	ug/l	99
34) Propionitrile	4.33	54	27443	36.340	ug/l #	93
35) Benzene	5.38	78	234178	5.414	ug/l	98
36) 1,2-Dichloroethane	5.40	62	74635	6.215	ug/l	99
37) Trichloroethene	6.18	130	56155	4.643	ug/l	98
38) 1,2-Dichloropropane	6.43	63	65735	5.839	ug/l	100
39) Methacrylonitrile	4.55	41	24280	7.189	ug/l	98
40) Methyl acrylate	4.43	55	34922	6.816	ug/l	97
41) Tetrahydrofuran	4.65	42	24915	13.373	ug/l	94
42) 1-Chlorobutane	5.06	56	120594	6.026	ug/l	97

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC005

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Quant Time: Apr 03 02:11:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U040219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Apr 03 01:47:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	30284	5.277	ug/l		95
44) Bromodichloromethane	6.75	83	80575	5.834	ug/l		98
45) 4-Methyl-2-Pentanone	7.46	43	233484	37.570	ug/l		99
46) t-1,4-Dichloro-2-butene	10.51	75	33748m	14.893	ug/l		
47) Methyl methacrylate	6.62	69	62992	12.766	ug/l		93
48) Ethyl methacrylate	8.02	69	56744	6.205	ug/l		98
49) Toluene	7.63	92	131040	5.097	ug/l		99
50) t-1,3-Dichloropropene	7.88	75	72758	5.901	ug/l		100
51) cis-1,3-Dichloropropene	7.27	75	86190	5.613	ug/l		96
52) 1,1,2-Trichloroethane	8.06	97	43588	5.406	ug/l		91
53) 1,3-Dichloropropane	8.24	76	79783	5.827	ug/l		98
54) 2-Hexanone	8.36	43	162746	36.907	ug/l		96
55) Dibromochloromethane	8.47	129	51364	5.358	ug/l		99
56) 1,2-Dibromoethane	8.58	107	41729	5.426	ug/l		96
58) Tetrachloroethene	8.22	164	47081	4.319	ug/l		99
59) Chlorobenzene	9.12	112	139918	4.826	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	52316	5.060	ug/l		98
61) Pentachloroethane	11.10	117	40392	5.065	ug/l		97
62) Hexachloroethane	12.14	117	38538	4.876	ug/l		99
63) Ethyl Benzene	9.25	91	238133	4.939	ug/l		99
64) m/p-Xylenes	9.37	106	177639	9.528	ug/l		99
65) o-Xylene	9.77	106	84658	4.631	ug/l		99
66) Styrene	9.79	104	150031	4.973	ug/l		99
67) Bromoform	9.95	173	29599	5.443	ug/l		96
69) Isopropylbenzene	10.16	105	226483	4.724	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.45	83	59734	5.925	ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	41758m	5.499	ug/l		
72) Bromobenzene	10.45	156	54219	4.377	ug/l		96
73) n-propylbenzene	10.58	120	60373	4.485	ug/l		96
74) 2-Chlorotoluene	10.66	126	54107	4.581	ug/l		95
75) 1,3,5-Trimethylbenzene	10.77	105	199662	4.897	ug/l		99
76) 4-Chlorotoluene	10.77	126	57356	4.766	ug/l		97
77) tert-Butylbenzene	11.10	119	186762	4.704	ug/l		100
78) 1,2,4-Trimethylbenzene	11.14	105	197944	4.772	ug/l		99
79) sec-Butylbenzene	11.32	105	255232	4.785	ug/l		100
80) Nitrobenzene	12.86	77	7116	33.624	ug/l	#	93
81) p-Isopropyltoluene	11.47	119	203007	4.579	ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	110816	4.450	ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	110552	4.413	ug/l		99
84) n-Butylbenzene	11.89	91	207252	4.928	ug/l		100
85) 1,2-Dichlorobenzene	11.88	146	103706	4.466	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.65	75	9390	6.389	ug/l		95
87) 1,2,4-Trichlorobenzene	13.50	180	63326	3.863	ug/l		97
88) Hexachlorobutadiene	13.69	225	36688	4.091	ug/l		97
89) Naphthalene	13.74	128	114035	4.403	ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	61844	4.118	ug/l		99

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

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