Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
Data File : VU035535.D
Acq On : 29 Oct 2019 11:23
Operator : JC/SP
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
10/30/2019 10:38:28 AM

Quant Time: Oct 30 05:22:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:08:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.16	96	69641	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.66	95	22713	0.85	ug/l		0.00
Spiked Amount 1.000			Recovery = 85.00%				
68) 1,2-Dichlorobenzene-d4	12.22	152	24400	0.85	ug/l		0.00
Spiked Amount 1.000			Recovery = 85.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.40	85	15288	0.597	ug/l		89
3) Chloromethane	1.54	50	19983	0.699	ug/l		100
4) Vinyl Chloride	1.62	62	16253	0.585	ug/l		99
5) Bromomethane	1.88	94	9206	0.580	ug/l		96
6) Chloroethane	1.95	64	8853	0.551	ug/l		99
7) Trichlorofluoromethane	2.16	101	20634	0.605	ug/l		91
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	11421	0.620	ug/l		96
9) 1,1-Dichloroethene	2.61	96	11228	0.608	ug/l		95
11) Allyl Chloride	2.96	41	18410	0.604	ug/l		93
12) Acrylonitrile	3.38	53	6037	1.516	ug/l	#	95
13) Acetone	2.68	43	14131	4.208	ug/l		93
14) Carbon Disulfide	2.82	76	38727	0.597	ug/l		99
15) Methylene Chloride	3.08	84	15877	0.729	ug/l		95
16) trans-1,2-Dichloroethene	3.39	96	11945	0.579	ug/l		98
17) 1,1-Dichloroethane	3.92	63	21314	0.544	ug/l		98
18) 2-Butanone	4.80	43	18889	3.989	ug/l		96
19) Cyclohexane	5.42	56	16480m	0.546	ug/l		
20) Methylcyclohexane	6.80	83	16449	0.516	ug/l		92
21) 2,2-Dichloropropane	4.71	77	20263	0.626	ug/l		93
22) cis-1,2-Dichloroethene	4.72	96	11905	0.533	ug/l		94
23) Diethyl Ether	2.41	59	8642	0.614	ug/l		98
24) tert-Butyl Alcohol	3.28	59	8440	4.364	ug/l	#	92
25) Methyl tert-Butyl Ether	3.43	73	29156	0.648	ug/l	#	87
26) Bromochloromethane	5.02	128	5562	0.586	ug/l		96
27) Chloroform	5.14	83	26477	0.647	ug/l		96
28) 1,1,1-Trichloroethane	5.36	97	18930	0.590	ug/l		97
29) 1,1-Dichloropropene	5.57	75	14631	0.530	ug/l		98
30) Carbon Tetrachloride	5.57	117	16161	0.563	ug/l		97
31) Isopropyl Ether	4.07	45	29647	0.527	ug/l		92
32) Ethyl-t-butyl ether	4.57	59	26703	0.548	ug/l		100
33) Tert-Amyl methyl ether	6.01	73	20910	0.510	ug/l		97
34) Propionitrile	4.86	54	4640	3.425	ug/l	#	94
35) Benzene	5.82	78	46096	0.556	ug/l		99
36) 1,2-Dichloroethane	5.84	62	13498	0.625	ug/l		99
37) Trichloroethene	6.58	130	13477	0.582	ug/l		94
38) 1,2-Dichloropropane	6.84	63	13242	0.600	ug/l		93
39) Methacrylonitrile	5.05	41	3751	0.670	ug/l	#	75
40) Methyl acrylate	4.93	55	5294	0.620	ug/l	#	75
41) Tetrahydrofuran	5.15	42	4013	1.402	ug/l	#	11
42) 1-Chlorobutane	5.50	56	20134	0.537	ug/l		95
43) Dibromomethane	6.96	93	6448	0.610	ug/l		95

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
Data File : VU035535.D
Acq On : 29 Oct 2019 11:23
Operator : JC/SP
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
10/30/2019 10:38:28 AM

Quant Time: Oct 30 05:22:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:08:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Bromodichloromethane	7.15	83	15680	0.584	ug/l		98
45) 4-Methyl-2-Pentanone	7.85	43	32713	3.033	ug/l		94
46) t-1,4-Dichloro-2-butene	10.87	75	4067m	0.906	ug/l		
47) Methyl methacrylate	7.01	69	9672	1.147	ug/l		94
48) Ethyl methacrylate	8.38	69	8013	0.526	ug/l		96
49) Toluene	8.01	92	23439	0.485	ug/l		94
50) t-1,3-Dichloropropene	8.25	75	13488	0.598	ug/l		93
51) cis-1,3-Dichloropropene	7.65	75	16131	0.578	ug/l		96
52) 1,1,2-Trichloroethane	8.44	97	9101	0.622	ug/l		97
53) 1,3-Dichloropropane	8.61	76	14986	0.610	ug/l		97
54) 2-Hexanone	8.74	43	22711	3.123	ug/l		91
55) Dibromochloromethane	8.84	129	10646	0.598	ug/l		99
56) 1,2-Dibromoethane	8.96	107	7826	0.579	ug/l		99
58) Tetrachloroethene	8.58	164	11681	0.533	ug/l		96
59) Chlorobenzene	9.48	112	29432	0.543	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.57	131	11825	0.587	ug/l		98
61) Pentachloroethane	11.46	117	9871	0.602	ug/l		96
62) Hexachloroethane	12.50	117	8902	0.609	ug/l		99
63) Ethyl Benzene	9.60	91	40382	0.467	ug/l		96
64) m/p-Xylenes	9.73	106	30518	0.874	ug/l	#	8
65) o-Xylene	10.13	106	15416	0.463	ug/l		98
66) Styrene	10.15	104	22912	0.411	ug/l		96
67) Bromoform	10.32	173	6229	0.587	ug/l		98
69) Isopropylbenzene	10.51	105	38942	0.448	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.81	83	12191	0.644	ug/l	#	64
71) 1,2,3-Trichloropropane	10.86	75	9148m	0.693	ug/l		
72) Bromobenzene	10.81	156	12292	0.519	ug/l		90
73) n-propylbenzene	10.93	120	10622	0.424	ug/l		99
74) 2-Chlorotoluene	11.02	126	10539	0.465	ug/l		100
75) 1,3,5-Trimethylbenzene	11.11	105	30099	0.391	ug/l		100
76) 4-Chlorotoluene	11.13	126	9896	0.428	ug/l		89
77) tert-Butylbenzene	11.45	119	33638	0.447	ug/l		99
78) 1,2,4-Trimethylbenzene	11.49	105	29974	0.385	ug/l		99
79) sec-Butylbenzene	11.67	105	40881	0.405	ug/l		100
80) Nitrobenzene	13.24	77	711	1.837	ug/l	#	80
81) p-Isopropyltoluene	11.82	119	30944	0.370	ug/l	#	69
82) 1,3-Dichlorobenzene	11.77	146	22147	0.455	ug/l		97
83) 1,4-Dichlorobenzene	11.87	146	20501	0.424	ug/l		97
84) n-Butylbenzene	12.23	91	23965	0.315	ug/l		99
85) 1,2-Dichlorobenzene	12.24	146	21665	0.487	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	13.03	75	1500	0.601	ug/l		84
87) 1,2,4-Trichlorobenzene	13.87	180	5083	0.210	ug/l		97
88) Hexachlorobutadiene	14.04	225	8924	0.472	ug/l		98
90) 1,2,3-Trichlorobenzene	14.36	180	5772	0.256	ug/l		99

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
Data File : VU035535.D
Acq On : 29 Oct 2019 11:23
Operator : JC/SP
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 30 05:22:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:08:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
10/30/2019 10:38:28 AM