Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032019\
Data File : VN054460.D
Acq On : 20 Mar 2019 12:09
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/22/2019 3:17:20 PM

Quant Time: Mar 20 13:11:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 12:05:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.66	168	548151	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	870071	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	771231	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	366737	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	669969	115.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 230.18%				
35) Dibromofluoromethane	7.59	113	552607	98.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 196.96%				
50) Toluene-d8	10.09	98	2092454	100.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 201.94%				
62) 4-Bromofluorobenzene	12.40	95	737678	101.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 203.46%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	533488	102.691	ug/l		99
3) Chloromethane	2.06	50	697166	138.152	ug/l		99
4) Vinyl Chloride	2.19	62	705693	122.350	ug/l		99
5) Bromomethane	2.56	94	430218	107.696	ug/l		95
6) Chloroethane	2.71	64	415584	119.085	ug/l		99
7) Trichlorofluoromethane	3.02	101	849271	110.748	ug/l		100
8) Diethyl Ether	3.41	74	325329	93.096	ug/l		77
9) 1,1,2-Trichlorotrifluoroet	3.75	101	488770	85.055	ug/l		97
10) Methyl Iodide	3.94	142	784749	103.800	ug/l		96
11) Tert butyl alcohol	4.82	59	218451	547.385	ug/l		99
12) 1,1-Dichloroethene	3.73	96	497675	87.393	ug/l		83
13) Acrolein	3.61	56	266855	705.660	ug/l		99
14) Allyl chloride	4.32	41	1006725	137.785	ug/l	#	91
15) Acrylonitrile	4.99	53	1056694	644.599	ug/l		100
16) Acetone	3.82	43	971430	582.813	ug/l		90
17) Carbon Disulfide	4.04	76	1432456	100.342	ug/l		99
18) Methyl Acetate	4.33	43	455283	135.010	ug/l		91
19) Methyl tert-butyl Ether	5.05	73	1555486	110.198	ug/l		96
20) Methylene Chloride	4.54	84	569291	104.018	ug/l	#	87
21) trans-1,2-Dichloroethene	5.04	96	541024	99.156	ug/l		84
22) Diisopropyl ether	5.96	45	2011663	137.951	ug/l	#	93
23) Vinyl Acetate	5.90	43	7537317	701.033	ug/l	#	94
24) 1,1-Dichloroethane	5.85	63	1053908	112.560	ug/l		98
25) 2-Butanone	6.84	43	1407307	719.370	ug/l		91
26) 2,2-Dichloropropane	6.82	77	777163	94.386	ug/l		99
27) cis-1,2-Dichloroethene	6.83	96	633751	104.114	ug/l		90
28) Bromochloromethane	7.19	49	526702	137.601	ug/l	#	78
29) Tetrahydrofuran	7.22	42	909333	722.937	ug/l	#	86
30) Chloroform	7.37	83	1023696	104.776	ug/l		98
31) Cyclohexane	7.65	56	1011572	100.367	ug/l		87
32) 1,1,1-Trichloroethane	7.57	97	889189	100.770	ug/l		97
36) 1,1-Dichloropropene	7.79	75	799730	99.809	ug/l		97
37) Ethyl Acetate	6.94	43	605156	131.443	ug/l		95
38) Carbon Tetrachloride	7.77	117	782919	93.175	ug/l		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032019\
Data File : VN054460.D
Acq On : 20 Mar 2019 12:09
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/22/2019 3:17:20 PM

Quant Time: Mar 20 13:11:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 12:05:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	911490	92.457	ug/l		90
40) Benzene	8.04	78	2323547	101.337	ug/l		100
41) Methacrylonitrile	7.18	41	354721	134.941	ug/l	#	89
42) 1,2-Dichloroethane	8.12	62	824793	106.547	ug/l		98
43) Isopropyl Acetate	8.17	43	1062453	131.472	ug/l	#	94
44) Trichloroethene	8.83	130	637205	89.460	ug/l		96
45) 1,2-Dichloropropane	9.12	63	635831	111.678	ug/l		98
46) Dibromomethane	9.21	93	379602	98.679	ug/l		91
47) Bromodichloromethane	9.40	83	799948	103.729	ug/l		98
48) Methyl methacrylate	9.20	41	554469	135.201	ug/l		88
49) 1,4-Dioxane	9.20	88	121989	2102.924	ug/l	#	88
51) 4-Methyl-2-Pentanone	9.99	43	2937123	686.786	ug/l		95
52) Toluene	10.16	92	1441504	99.151	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	834214	106.281	ug/l		98
54) cis-1,3-Dichloropropene	9.84	75	972809	108.249	ug/l		93
55) 1,1,2-Trichloroethane	10.56	97	521132	98.169	ug/l		97
56) Ethyl methacrylate	10.43	69	765492	120.935	ug/l	#	87
57) 1,3-Dichloropropane	10.71	76	904594	104.214	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	1638736	683.447	ug/l		92
59) 2-Hexanone	10.75	43	1953681	686.549	ug/l		93
60) Dibromochloromethane	10.90	129	604076	101.099	ug/l		99
61) 1,2-Dibromoethane	11.00	107	532660	98.739	ug/l		100
64) Tetrachloroethene	10.63	164	587591	78.801	ug/l		96
65) Chlorobenzene	11.43	112	1552246	91.663	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	590536	95.995	ug/l		100
67) Ethyl Benzene	11.51	91	2752701	98.061	ug/l		99
68) m/p-Xylenes	11.62	106	2088821	190.385	ug/l		98
69) o-Xylene	11.95	106	1012322	94.650	ug/l		98
70) Styrene	11.96	104	1724143	102.787	ug/l		98
71) Bromoform	12.13	173	398046	97.756	ug/l	#	100
73) Isopropylbenzene	12.25	105	2643991	90.112	ug/l		99
74) N-amyl acetate	12.07	43	905452	139.027	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.50	83	649326	103.870	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	549200m	101.835	ug/l		
77) Bromobenzene	12.53	156	673350	86.725	ug/l		88
78) n-propylbenzene	12.59	91	2945927	92.531	ug/l		98
79) 2-Chlorotoluene	12.67	91	1779169	92.942	ug/l		96
80) 1,3,5-Trimethylbenzene	12.73	105	2220486	90.982	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	174238	110.443	ug/l		90
82) 4-Chlorotoluene	12.77	91	1842662	96.401	ug/l		96
83) tert-Butylbenzene	12.99	119	1881123	83.739	ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	2202576	91.992	ug/l		99
85) sec-Butylbenzene	13.17	105	2373976	81.488	ug/l		98
86) p-Isopropyltoluene	13.29	119	2197870	85.995	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	1162849	88.884	ug/l		98
88) 1,4-Dichlorobenzene	13.36	146	1141525	88.820	ug/l		99
89) n-Butylbenzene	13.62	91	1831128	94.294	ug/l		98
90) Hexachloroethane	13.87	117	374196	88.420	ug/l		91
91) 1,2-Dichlorobenzene	13.65	146	1120873	87.639	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	105118	108.666	ug/l		89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032019\
Data File : VN054460.D
Acq On : 20 Mar 2019 12:09
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/22/2019 3:17:20 PM

Quant Time: Mar 20 13:11:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 12:05:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	629464	95.228	ug/l	99
94) Hexachlorobutadiene	15.01	225	322849	66.272	ug/l	100
95) Naphthalene	15.13	128	1464627	107.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	610985	89.911	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032019\
Data File : VN054460.D
Acq On : 20 Mar 2019 12:09
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 20 13:11:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 12:05:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/22/2019 3:17:20 PM