Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080618\
Data File : VN050379.D
Acq On : 6 Aug 2018 12:49
Operator : MD\SY
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 06 13:26:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 06 12:50:03 2018
Response via : Initial Calibration

Instrument : MSVOA_N
ClientSampleId : VSTDICC100

Manual Integrations APPROVED
MMDadoda
8/7/2018 9:58:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	698954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1010404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	971873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	545417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	898176	92.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 184.20%			
35) Dibromofluoromethane	7.59	113	796929	96.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 193.20%			
50) Toluene-d8	10.09	98	3097657	102.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 204.26%			
62) 4-Bromofluorobenzene	12.40	95	1105061	110.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 221.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	749204	74.60	ug/l	99
3) Chloromethane	2.06	50	915935	83.90	ug/l	99
4) Vinyl Chloride	2.18	62	975257	84.83	ug/l	99
5) Bromomethane	2.54	94	483714	68.40	ug/l	100
6) Chloroethane	2.69	64	590221	85.49	ug/l	99
7) Trichlorofluoromethane	3.00	101	1235807	82.98	ug/l	99
8) Diethyl Ether	3.41	74	474518	95.58	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	760754	84.95	ug/l	100
10) Methyl Iodide	3.95	142	414493	36.06	ug/l	98
11) Tert butyl alcohol	4.80	59	385831	537.72	ug/l	99
12) 1,1-Dichloroethene	3.73	96	724731	89.96	ug/l	98
13) Acrolein	3.61	56	512193	888.45	ug/l	98
14) Allyl chloride	4.32	41	1214017	97.19	ug/l	97
15) Acrylonitrile	4.99	53	1614899	515.86	ug/l	100
16) Acetone	3.82	43	1413597	555.84	ug/l	100
17) Carbon Disulfide	4.05	76	2246834	91.04	ug/l	100
18) Methyl Acetate	4.33	43	715909	61.50	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2198815	102.42	ug/l	100
20) Methylene Chloride	4.55	84	834710	85.27	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	786055	92.09	ug/l	99
22) Diisopropyl ether	5.96	45	2536837	102.42	ug/l	98
23) Vinyl Acetate	5.90	43	9265643	529.36	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1457230	89.97	ug/l	100
25) 2-Butanone	6.84	43	2380585	640.00	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1173222	95.22	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	895878	97.49	ug/l	100
28) Bromochloromethane	7.20	49	662464	89.68	ug/l	99
29) Tetrahydrofuran	7.22	42	1265785	526.61	ug/l	100
30) Chloroform	7.37	83	1461770	88.44	ug/l	100
31) Cyclohexane	7.65	56	1343167	86.39	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1266922	89.61	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1147377	100.79	ug/l	100
37) Ethyl Acetate	6.93	43	843455	106.27	ug/l	99
38) Carbon Tetrachloride	7.77	117	1128342	93.41	ug/l	100

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080618\
Data File : VN050379.D
Acq On : 6 Aug 2018 12:49
Operator : MD\SY
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 06 13:26:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 06 12:50:03 2018
Response via : Initial Calibration

Instrument : MSVOA_N
ClientSampleId : VSTDICC100

Manual Integrations APPROVED
MMDadoda
8/7/2018 9:58:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	1307883	111.68	ug/l		98
40) Benzene	8.04	78	3431457	99.06	ug/l		99
41) Methacrylonitrile	7.18	41	458340	123.10	ug/l	#	80
42) 1,2-Dichloroethane	8.13	62	1075101	93.03	ug/l		100
43) Isopropyl Acetate	8.17	43	1460635	76.03	ug/l	#	87
44) Trichloroethene	8.84	130	904679	97.19	ug/l		99
45) 1,2-Dichloropropane	9.12	63	895078	97.56	ug/l		98
46) Dibromomethane	9.21	93	554548	97.34	ug/l		99
47) Bromodichloromethane	9.40	83	1147674	95.45	ug/l		99
48) Methyl methacrylate	9.20	41	732254	107.13	ug/l		98
49) 1,4-Dioxane	9.20	88	225665	2425.95	ug/l		96
51) 4-Methyl-2-Pentanone	9.99	43	5342365	684.73	ug/l		99
52) Toluene	10.16	92	2155782	105.43	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	1250617	110.22	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	1375107	106.05	ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	800457	98.69	ug/l		99
56) Ethyl methacrylate	10.43	69	1158078	120.85	ug/l		98
57) 1,3-Dichloropropane	10.71	76	1357065	102.75	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	2682717	601.54	ug/l		100
59) 2-Hexanone	10.75	43	3797941	737.68	ug/l		98
60) Dibromochloromethane	10.90	129	917285	102.15	ug/l		98
61) 1,2-Dibromoethane	11.01	107	830637	103.22	ug/l		98
64) Tetrachloroethene	10.63	164	887347	94.97	ug/l		99
65) Chlorobenzene	11.44	112	2373614	96.69	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	871951	92.44	ug/l		99
67) Ethyl Benzene	11.51	91	4174171	105.85	ug/l		100
68) m/p-Xylenes	11.62	106	3216866	215.66	ug/l		100
69) o-Xylene	11.95	106	1543622	108.56	ug/l		100
70) Styrene	11.97	104	2603012	115.75	ug/l		99
71) Bromoform	12.13	173	682489	99.47	ug/l	#	99
73) Isopropylbenzene	12.25	105	4118549	97.37	ug/l		100
74) N-amyl acetate	12.07	43	1367927	105.81	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1100747	85.09	ug/l		100
76) 1,2,3-Trichloropropane	12.56	75	885051m	87.32	ug/l		
77) Bromobenzene	12.53	156	1071397	91.39	ug/l		99
78) n-propylbenzene	12.59	91	4786661	101.24	ug/l		100
79) 2-Chlorotoluene	12.68	91	2820420	96.24	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	3436137	103.27	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	312312	97.73	ug/l		97
82) 4-Chlorotoluene	12.77	91	2882714	99.33	ug/l		99
83) tert-Butylbenzene	12.99	119	2945934	101.46	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	3532002	105.32	ug/l		99
85) sec-Butylbenzene	13.17	105	3954965	101.94	ug/l		100
86) p-Isopropyltoluene	13.29	119	3509615	107.35	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	1924799	96.85	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	1897104	97.93	ug/l		99
89) n-Butylbenzene	13.62	91	2985773	111.07	ug/l		99
90) Hexachloroethane	13.88	117	558108	76.88	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	1868152	94.03	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	189023	90.90	ug/l		96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080618\
Data File : VN050379.D
Acq On : 6 Aug 2018 12:49
Operator : MD\SY
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 06 13:26:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 06 12:50:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
8/7/2018 9:58:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1073824	122.46	ug/l	98
94) Hexachlorobutadiene	15.01	225	545949	89.76	ug/l	99
95) Naphthalene	15.14	128	2637341	133.12	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1010545	113.86	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080618\
Data File : VN050379.D
Acq On : 6 Aug 2018 12:49
Operator : MD\SY
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 06 13:26:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 06 12:50:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
8/7/2018 9:58:10 AM