Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061019\
Data File : VN056180.D
Acq On : 10 Jun 2019 19:34
Operator : JC/SP
Sample : K3280-10MSD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-MH-SW4001-SOUTH-20190608M

Manual Integrations APPROVED
MMDadoda
6/11/2019 11:59:49 AM

Quant Time: Jun 11 04:29:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	284342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	413860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	379827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	170264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	146284	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.62%			
35) Dibromofluoromethane	7.59	113	135012	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.34%			
50) Toluene-d8	10.09	98	495181	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.36%			
62) 4-Bromofluorobenzene	12.40	95	170816	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	147571	47.261	ug/l	99
3) Chloromethane	2.06	50	159645	51.794	ug/l	98
4) Vinyl Chloride	2.18	62	157103	50.813	ug/l	98
5) Bromomethane	2.52	94	94328	48.297	ug/l	99
6) Chloroethane	2.67	64	82279	45.899	ug/l	95
7) Trichlorofluoromethane	3.00	101	195970	49.650	ug/l	99
8) Diethyl Ether	3.40	74	78491	48.357	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	122321	51.017	ug/l	99
10) Methyl Iodide	3.93	142	183212	48.084	ug/l	99
11) Tert butyl alcohol	4.82	59	128253	261.042	ug/l	100
12) 1,1-Dichloroethene	3.72	96	122069	51.139	ug/l	97
13) Acrolein	3.60	56	44253	312.305	ug/l	99
14) Allyl chloride	4.31	41	196423	52.113	ug/l	97
15) Acrylonitrile	4.99	53	356829	298.354	ug/l	99
16) Acetone	3.82	43	281707	208.628	ug/l	100
17) Carbon Disulfide	4.03	76	271418	47.489	ug/l	100
18) Methyl Acetate	4.33	43	152151	57.451	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	400202	52.598	ug/l	98
20) Methylene Chloride	4.54	84	144705	52.016	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	130348	50.965	ug/l	97
22) Diisopropyl ether	5.95	45	410862	52.732	ug/l	98
23) Vinyl Acetate	5.90	43	1589857	259.110	ug/l	99
24) 1,1-Dichloroethane	5.84	63	237685	52.884	ug/l	99
25) 2-Butanone	6.84	43	466401	273.382	ug/l	100
26) 2,2-Dichloropropane	6.82	77	144043	41.072	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	153645	51.107	ug/l	97
28) Bromochloromethane	7.19	49	117773	55.411	ug/l	99
29) Tetrahydrofuran	7.22	42	307329	291.425	ug/l	99
30) Chloroform	7.37	83	241478	53.409	ug/l	99
31) Cyclohexane	7.65	56	207680	46.358	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	201322	53.323	ug/l	99
36) 1,1-Dichloropropene	7.79	75	172826	48.566	ug/l	100
37) Ethyl Acetate	6.93	43	172176	54.377	ug/l	99
38) Carbon Tetrachloride	7.77	117	172739	52.651	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061019\
Data File : VN056180.D
Acq On : 10 Jun 2019 19:34
Operator : JC/SP
Sample : K3280-10MSD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Manual Integrations APPROVED
MMDadoda
6/11/2019 11:59:49 AM

Quant Time: Jun 11 04:29:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.08	83	206138	46.501 ug/l		98
40) Benzene	8.04	78	556335	51.473 ug/l		99
41) Methacrylonitrile	7.17	41	89293	61.294 ug/l		97
42) 1,2-Dichloroethane	8.12	62	178721	51.406 ug/l		100
43) Isopropyl Acetate	8.17	43	271694	52.953 ug/l	#	92
44) Trichloroethene	8.83	130	158460	51.021 ug/l		98
45) 1,2-Dichloropropane	9.12	63	145874	52.691 ug/l		99
46) Dibromomethane	9.21	93	97886	54.069 ug/l		99
47) Bromodichloromethane	9.40	83	182325	55.568 ug/l		100
48) Methyl methacrylate	9.20	41	143276	57.078 ug/l		98
49) 1,4-Dioxane	9.20	88	63402	1169.954 ug/l		99
51) 4-Methyl-2-Pentanone	9.99	43	920866	286.998 ug/l		99
52) Toluene	10.16	92	346921	51.582 ug/l		99
53) t-1,3-Dichloropropene	10.38	75	181738	47.375 ug/l		98
54) cis-1,3-Dichloropropene	9.84	75	207090	52.508 ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	146673	55.055 ug/l		98
56) Ethyl methacrylate	10.43	69	216264	55.643 ug/l		99
57) 1,3-Dichloropropane	10.71	76	233824	53.990 ug/l		100
59) 2-Hexanone	10.75	43	652169	280.439 ug/l		100
60) Dibromochloromethane	10.90	129	154004	52.295 ug/l		98
61) 1,2-Dibromoethane	11.00	107	151419	55.596 ug/l		100
64) Tetrachloroethene	10.63	164	152293	46.320 ug/l		99
65) Chlorobenzene	11.43	112	380466	50.331 ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	142775	54.700 ug/l		99
67) Ethyl Benzene	11.51	91	656530	49.947 ug/l		100
68) m/p-Xylenes	11.62	106	504381	100.448 ug/l		98
69) o-Xylene	11.95	106	249453	50.504 ug/l		98
70) Styrene	11.96	104	416845	53.116 ug/l		100
71) Bromoform	12.13	173	112570	51.295 ug/l	#	99
73) Isopropylbenzene	12.25	105	647992	53.565 ug/l		100
74) N-amyl acetate	12.07	43	220164	48.509 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.50	83	202244	51.168 ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	177083m	56.523 ug/l		
77) Bromobenzene	12.53	156	179735	49.306 ug/l		97
78) n-propylbenzene	12.59	91	687516	47.730 ug/l		99
79) 2-Chlorotoluene	12.67	91	424830	53.328 ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	532310	46.499 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	48003	51.025 ug/l		91
82) 4-Chlorotoluene	12.77	91	412430	48.941 ug/l		100
83) tert-Butylbenzene	12.99	119	471863	53.304 ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	525381	48.395 ug/l		99
85) sec-Butylbenzene	13.17	105	602932	47.266 ug/l		100
86) p-Isopropyltoluene	13.29	119	542464	47.516 ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	282590	50.088 ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	271074	49.947 ug/l		99
89) n-Butylbenzene	13.61	91	396137	46.841 ug/l		100
90) Hexachloroethane	13.88	117	89859	52.192 ug/l		100
91) 1,2-Dichlorobenzene	13.65	146	279595	49.085 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32622	57.704 ug/l		96
93) 1,2,4-Trichlorobenzene	14.91	180	132448	42.862 ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061019\
Data File : VN056180.D
Acq On : 10 Jun 2019 19:34
Operator : JC/SP
Sample : K3280-10MSD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Manual Integrations APPROVED
MMDadoda
6/11/2019 11:59:49 AM

Quant Time: Jun 11 04:29:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	98733	50.561	ug/l	99
95) Naphthalene	15.13	128	367173	45.465	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	148126	46.529	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061019\
Data File : VN056180.D
Acq On : 10 Jun 2019 19:34
Operator : JC/SP
Sample : K3280-10MSD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 11 04:29:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Manual Integrations APPROVED
MMDadoda
6/11/2019 11:59:49 AM