Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062518\
Data File : VD059389.D
Acq On : 25 Jun 2018 1:18
Operator : VA/AP
Sample : VSTDICCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDICCC050

Quant Time: Jun 25 06:56:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 06:53:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	891605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1165608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	930901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	489769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	481460	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.36%			
35) Dibromofluoromethane	5.56	113	493616	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.52%			
50) Toluene-d8	8.72	98	1161258	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.32%			
62) 4-Bromofluorobenzene	11.93	95	474076	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.34	85	371110	41.71	ug/l	100
3) Chloromethane	1.49	50	187636	42.70	ug/l	100
4) Vinyl Chloride	1.56	62	206126	44.79	ug/l	100
5) Bromomethane	1.79	94	82376	48.38	ug/l	100
6) Chloroethane	1.88	64	96427	55.86	ug/l	100
7) Trichlorofluoromethane	2.09	101	316810	49.20	ug/l	100
8) Diethyl Ether	2.35	74	69086	51.12	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.56	101	192520	47.59	ug/l	100
10) Methyl Iodide	2.70	142	244153	52.67	ug/l	100
11) Tert butyl alcohol	3.27	59	86960	286.80	ug/l	100
12) 1,1-Dichloroethene	2.55	96	140503	46.44	ug/l	100
13) Acrolein	2.47	56	66154	341.13	ug/l	100
14) Allyl chloride	2.93	41	321981	46.08	ug/l	100
15) Acrylonitrile	3.36	53	240827	297.49	ug/l	100
16) Acetone	2.61	43	275827	230.74	ug/l	100
17) Carbon Disulfide	2.76	76	433363	42.51	ug/l	100
18) Methyl Acetate	2.94	43	132331	50.40	ug/l	100
19) Methyl tert-butyl Ether	3.41	73	707198	77.93	ug/l	100
20) Methylene Chloride	3.07	84	158662	41.84	ug/l	100
21) trans-1,2-Dichloroethene	3.40	96	255943	69.70	ug/l	100
22) Diisopropyl ether	4.08	45	1224957	44.24	ug/l	100
23) Vinyl Acetate	4.03	43	3338553	227.18	ug/l	100
24) 1,1-Dichloroethane	3.98	63	678265	45.18	ug/l	100
25) 2-Butanone	4.85	43	574910	221.38	ug/l	100
26) 2,2-Dichloropropane	4.81	77	537737	43.04	ug/l	100
27) cis-1,2-Dichloroethene	4.81	96	394143	47.43	ug/l	100
28) Bromochloromethane	5.15	49	320074	47.70	ug/l	100
29) Tetrahydrofuran	5.19	42	323813	234.19	ug/l	100
30) Chloroform	5.33	83	754868	47.33	ug/l	100
31) Cyclohexane	5.60	56	494589	38.94	ug/l	100
32) 1,1,1-Trichloroethane	5.53	97	636169	48.24	ug/l	100
36) 1,1-Dichloropropene	5.75	75	501306	44.17	ug/l	100
37) Ethyl Acetate	4.94	43	308093	48.14	ug/l	100
38) Carbon Tetrachloride	5.73	117	526982	46.59	ug/l	100

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062518\
Data File : VD059389.D
Acq On : 25 Jun 2018 1:18
Operator : VA/AP
Sample : VSTDICCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDICCC050

Quant Time: Jun 25 06:56:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 06:53:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	475043	43.19	ug/l	100
40) Benzene	6.03	78	1218495	44.88	ug/l	100
41) Methacrylonitrile	5.13	41	158327	49.96	ug/l	100
42) 1,2-Dichloroethane	6.14	62	545255	49.46	ug/l	100
43) Isopropyl Acetate	7.62	43	394712	46.61	ug/l	100
44) Trichloroethene	6.99	130	384122	46.88	ug/l	100
45) 1,2-Dichloropropane	7.36	63	327806	45.27	ug/l	100
46) Dibromomethane	7.47	93	246651	49.44	ug/l	100
47) Bromodichloromethane	7.75	83	586254	50.83	ug/l	100
48) Methyl methacrylate	7.51	41	232348	45.06	ug/l	100
49) 1,4-Dioxane	7.50	88	47613	1021.11	ug/l	100
51) 4-Methyl-2-Pentanone	8.61	43	1299353	233.89	ug/l	100
52) Toluene	8.81	92	709291	45.75	ug/l	100
53) t-1,3-Dichloropropene	9.20	75	470438	47.69	ug/l	100
54) cis-1,3-Dichloropropene	8.37	75	538046	46.89	ug/l	100
55) 1,1,2-Trichloroethane	9.46	97	266081	48.46	ug/l	100
56) Ethyl methacrylate	9.33	69	312651	48.31	ug/l	100
57) 1,3-Dichloropropane	9.67	76	442824	47.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.20	63	781773	243.56	ug/l	100
59) 2-Hexanone	9.80	43	953513	236.13	ug/l	100
60) Dibromochloromethane	9.97	129	386646	51.78	ug/l	100
61) 1,2-Dibromoethane	10.10	107	294751	49.37	ug/l	100
64) Tetrachloroethene	9.52	164	381968	48.80	ug/l	100
65) Chlorobenzene	10.73	112	801496	46.30	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.85	131	344842	51.17	ug/l	100
67) Ethyl Benzene	10.86	91	1413401	46.18	ug/l	100
68) m/p-Xylenes	11.02	106	894503	87.98	ug/l	100
69) o-Xylene	11.41	106	466405	47.46	ug/l	100
70) Styrene	11.44	104	802765	47.97	ug/l	100
71) Bromoform	11.61	173	286490	53.90	ug/l	100
73) Isopropylbenzene	11.78	105	1351920	46.54	ug/l	100
74) N-amyl acetate	11.65	43	523929	47.80	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.08	83	318525	47.79	ug/l	100
76) 1,2,3-Trichloropropane	12.12	75	337074	48.20	ug/l	100
77) Bromobenzene	12.04	156	428673	49.08	ug/l	100
78) n-propylbenzene	12.16	91	1693157	45.43	ug/l	100
79) 2-Chlorotoluene	12.22	91	1011335	47.28	ug/l	100
80) 1,3,5-Trimethylbenzene	12.33	105	1039821	46.13	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.85	75	82398	49.30	ug/l	100
82) 4-Chlorotoluene	12.33	91	1066735	44.43	ug/l	100
83) tert-Butylbenzene	12.58	119	1173603	45.48	ug/l	100
84) 1,2,4-Trimethylbenzene	12.63	105	1149749	46.81	ug/l	100
85) sec-Butylbenzene	12.76	105	1438661	47.40	ug/l	100
86) p-Isopropyltoluene	12.89	119	1132325	45.92	ug/l	100
87) 1,3-Dichlorobenzene	12.85	146	692918	46.04	ug/l	100
88) 1,4-Dichlorobenzene	12.93	146	678622	46.18	ug/l	100
89) n-Butylbenzene	13.20	91	1067596	41.76	ug/l	100
90) Hexachloroethane	13.40	117	305686	48.14	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	558673	43.93	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.78	75	56137	52.65	ug/l	100

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
Data File : VD059389.D
Acq On : 25 Jun 2018 1:18
Operator : VA/AP
Sample : VSTDICCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDICCC050

Quant Time: Jun 25 06:56:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 06:53:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.35	180	543756	45.02	ug/l	100
94) Hexachlorobutadiene	14.43	225	436483	45.76	ug/l	100
95) Naphthalene	14.52	128	760816	47.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	502812	47.16	ug/l	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062518\
Data File : VD059389.D
Acq On : 25 Jun 2018 1:18
Operator : VA/AP
Sample : VSTDICCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDICCC050

Quant Time: Jun 25 06:56:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 06:53:44 2018
Response via : Initial Calibration