Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081518\
Data File : VD059790.D
Acq On : 15 Aug 2018 4:37
Operator : VA/AP
Sample : VD0815SBSD01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0815SBSD01

Quant Time: Aug 15 17:50:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.64	168	282073	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.69	114	389242	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.69	117	311995	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	172210	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.02	65	180083	49.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.38%				
35) Dibromofluoromethane	5.55	113	167573	49.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.80%				
50) Toluene-d8	8.70	98	389123	48.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.86%				
62) 4-Bromofluorobenzene	11.93	95	171826	47.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.35	85	61359	17.85	ug/l		97
3) Chloromethane	1.48	50	37429	19.84	ug/l		95
4) Vinyl Chloride	1.56	62	38461	19.24	ug/l		99
5) Bromomethane	1.79	94	9033	14.19	ug/l		94
6) Chloroethane	1.88	64	12416	14.89	ug/l		99
7) Trichlorofluoromethane	2.08	101	54797	17.46	ug/l		94
8) Diethyl Ether	2.35	74	11559	19.14	ug/l		82
9) 1,1,2-Trichlorotrifluoroet	2.56	101	33771	19.18	ug/l		97
10) Methyl Iodide	2.69	142	30730	16.57	ug/l		97
11) Tert butyl alcohol	3.26	59	10157	79.21	ug/l	#	74
12) 1,1-Dichloroethene	2.55	96	24644	19.36	ug/l		96
13) Acrolein	2.47	56	7707	79.54	ug/l		85
14) Allyl chloride	2.92	41	60347	18.87	ug/l		96
15) Acrylonitrile	3.36	53	48537	108.05	ug/l		97
16) Acetone	2.61	43	50233	87.83	ug/l		97
17) Carbon Disulfide	2.76	76	79038	18.53	ug/l		99
18) Methyl Acetate	2.94	43	21055	17.22	ug/l		97
19) Methyl tert-butyl Ether	3.41	73	122374	19.70	ug/l		99
20) Methylene Chloride	3.07	84	34865	20.68	ug/l		94
21) trans-1,2-Dichloroethene	3.38	96	50035	19.95	ug/l		99
22) Diisopropyl ether	4.07	45	166853	19.34	ug/l		91
23) Vinyl Acetate	4.02	43	492763	100.85	ug/l		100
24) 1,1-Dichloroethane	3.97	63	99597	19.46	ug/l		98
25) 2-Butanone	4.84	43	74692	85.32	ug/l		98
26) 2,2-Dichloropropane	4.80	77	85101	18.18	ug/l		99
27) cis-1,2-Dichloroethene	4.81	96	57310	20.86	ug/l		93
28) Bromochloromethane	5.14	49	40038	19.94	ug/l		95
29) Tetrahydrofuran	5.18	42	37905	101.49	ug/l		96
30) Chloroform	5.32	83	118833	19.34	ug/l		92
31) Cyclohexane	5.59	56	70150	19.06	ug/l		94
32) 1,1,1-Trichloroethane	5.52	97	103956	19.24	ug/l		96
36) 1,1-Dichloropropene	5.74	75	76571	19.17	ug/l		95
37) Ethyl Acetate	4.93	43	39964	20.01	ug/l	#	93
38) Carbon Tetrachloride	5.72	117	90506	18.78	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081518\
Data File : VD059790.D
Acq On : 15 Aug 2018 4:37
Operator : VA/AP
Sample : VD0815SBSD01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0815SBSD01

Quant Time: Aug 15 17:50:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.29	83	65450	18.95	ug/l		98
40) Benzene	6.02	78	163218	19.27	ug/l		98
41) Methacrylonitrile	5.12	41	19440	20.34	ug/l		94
42) 1,2-Dichloroethane	6.13	62	87334	19.05	ug/l		98
43) Isopropyl Acetate	7.62	43	51605	20.46	ug/l		99
44) Trichloroethene	6.98	130	53310	18.38	ug/l		91
45) 1,2-Dichloropropane	7.35	63	43730	19.86	ug/l		100
46) Dibromomethane	7.46	93	33652	18.69	ug/l		93
47) Bromodichloromethane	7.74	83	84204	19.08	ug/l		95
48) Methyl methacrylate	7.50	41	32706	19.87	ug/l		97
49) 1,4-Dioxane	7.49	88	5844	403.19	ug/l	#	89
51) 4-Methyl-2-Pentanone	8.60	43	168432	88.34	ug/l		98
52) Toluene	8.80	92	107590	19.83	ug/l		98
53) t-1,3-Dichloropropene	9.19	75	69880	19.10	ug/l		99
54) cis-1,3-Dichloropropene	8.36	75	74709	18.90	ug/l		93
55) 1,1,2-Trichloroethane	9.45	97	40841	20.39	ug/l		99
56) Ethyl methacrylate	9.31	69	43568	20.08	ug/l		98
57) 1,3-Dichloropropane	9.67	76	59053	18.82	ug/l		91
58) 2-Chloroethyl Vinyl ether	8.18	63	110464	103.01	ug/l		98
59) 2-Hexanone	9.79	43	123829	90.57	ug/l		94
60) Dibromochloromethane	9.95	129	56471	19.41	ug/l		98
61) 1,2-Dibromoethane	10.09	107	42335	19.08	ug/l		100
64) Tetrachloroethene	9.51	164	52165	19.41	ug/l		97
65) Chlorobenzene	10.72	112	131303	20.78	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.85	131	52261	20.52	ug/l		95
67) Ethyl Benzene	10.86	91	224176	20.61	ug/l		96
68) m/p-Xylenes	11.02	106	145290	39.40	ug/l		96
69) o-Xylene	11.40	106	71119	20.09	ug/l		97
70) Styrene	11.43	104	120004	19.12	ug/l		96
71) Bromoform	11.60	173	35929	19.41	ug/l	#	96
73) Isopropylbenzene	11.77	105	211219	19.37	ug/l		99
74) N-amyl acetate	11.65	43	68214	20.40	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.08	83	42796	19.33	ug/l		100
76) 1,2,3-Trichloropropane	12.11	75	48716	19.94	ug/l		96
77) Bromobenzene	12.04	156	62190	19.96	ug/l		88
78) n-propylbenzene	12.16	91	270547	19.89	ug/l		99
79) 2-Chlorotoluene	12.22	91	164619	20.07	ug/l		94
80) 1,3,5-Trimethylbenzene	12.31	105	180449	20.67	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.84	75	11758	20.57	ug/l		90
82) 4-Chlorotoluene	12.32	91	187745	20.17	ug/l		98
83) tert-Butylbenzene	12.57	119	190105	19.71	ug/l		97
84) 1,2,4-Trimethylbenzene	12.62	105	182097	19.35	ug/l		98
85) sec-Butylbenzene	12.76	105	221757	19.83	ug/l		96
86) p-Isopropyltoluene	12.88	119	188751	20.17	ug/l		94
87) 1,3-Dichlorobenzene	12.84	146	108939	19.50	ug/l		98
88) 1,4-Dichlorobenzene	12.92	146	106853	19.29	ug/l		99
89) n-Butylbenzene	13.19	91	194933	20.61	ug/l		100
90) Hexachloroethane	13.40	117	45111	19.21	ug/l		85
91) 1,2-Dichlorobenzene	13.19	146	96368	20.97	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	13.77	75	7849	19.87	ug/l		88

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081518\
Data File : VD059790.D
Acq On : 15 Aug 2018 4:37
Operator : VA/AP
Sample : VD0815SBSD01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0815SBSD01

Quant Time: Aug 15 17:50:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	75570	19.67	ug/l	96
94) Hexachlorobutadiene	14.43	225	51465	18.14	ug/l	96
95) Naphthalene	14.52	128	114517	19.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	60848	17.95	ug/l	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081518\
Data File : VD059790.D
Acq On : 15 Aug 2018 4:37
Operator : VA/AP
Sample : VD0815SBSD01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0815SBSD01

Quant Time: Aug 15 17:50:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration