

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
 Data File : VD059889.D
 Acq On : 23 Aug 2018 15:39
 Operator : JC/SY
 Sample : J4559-06RE
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-115-050RE

Manual Integrations
 APPROVED

MMDadoda
 8/24/2018 3:09:20 PM

Quant Time: Aug 24 05:44:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	320274	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	612285	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	348933	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	98309	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	315317	116.81	ug/l	-0.03
Spiked Amount			Recovery	=	233.62%	
35) Dibromofluoromethane	6.31	113	318028	66.25	ug/l	-0.03
Spiked Amount			Recovery	=	132.50%	
50) Toluene-d8	9.45	98	516641	38.78	ug/l	-0.02
Spiked Amount			Recovery	=	77.56%	
62) 4-Bromofluorobenzene	12.42	95	152123	28.11	ug/l	-0.02
Spiked Amount			Recovery	=	56.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.15	43	29754	60.50	ug/l	95
20) Methylene Chloride	3.70	84	32290	6.61	ug/l	96
25) 2-Butanone	5.62	43	19188	13.17	ug/l	98
51) 4-Methyl-2-Pentanone	9.34	43	20241	4.83	ug/l	92
67) Ethyl Benzene	11.42	91	67897	5.82	ug/l	98
68) m/p-Xylenes	11.55	106	232681	54.78	ug/l	87
69) o-Xylene	11.93	106	30392	7.32	ug/l	86
73) Isopropylbenzene	12.27	105	28676	4.57	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	22615	15.58	ug/l #	51
78) n-propylbenzene	12.64	91	11088	1.40	ug/l	99
80) 1,3,5-Trimethylbenzene	12.79	105	22493	4.51	ug/l	93
84) 1,2,4-Trimethylbenzene	13.09	105	48230	9.27	ug/l	99
85) sec-Butylbenzene	13.22	105	29453	4.41	ug/l	99
86) p-Isopropyltoluene	13.33	119	17167	3.16	ug/l	86
89) n-Butylbenzene	13.64	91	17081m	1.90	ug/l	
95) Naphthalene	14.97	128	17237	4.99	ug/l #	92

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

