

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
 Data File : VD059890.D
 Acq On : 23 Aug 2018 16:07
 Operator : JC/SY
 Sample : J4559-07RE
 Misc : 5.10a/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-125-051RE

Manual Integrations
 APPROVED

MMDadoda
 8/24/2018 3:09:27 PM

Quant Time: Aug 24 05:49:24 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	726102	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.43	114	1102155	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	581552	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	158330	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	451038	73.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	147.40%	
35) Dibromofluoromethane	6.31	113	508797	58.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.76%	
50) Toluene-d8	9.45	98	918593	38.30	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	76.60%	
62) 4-Bromofluorobenzene	12.42	95	243067	24.96	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	49.92%	
Target Compounds						
					Qvalue	
16) Acetone	3.14	43	32108	28.80	ug/l	98
17) Carbon Disulfide	3.30	76	12181	1.54	ug/l #	94
20) Methylene Chloride	3.70	84	58633	4.49	ug/l	96
25) 2-Butanone	5.61	43	23099	6.99	ug/l	98
31) Cyclohexane	6.40	56	22107	1.90	ug/l #	1
39) Methylcyclohexane	8.03	83	18452	1.71	ug/l #	83
51) 4-Methyl-2-Pentanone	9.33	43	21089	2.80	ug/l	99
67) Ethyl Benzene	11.43	91	178389	9.18	ug/l	97
68) m/p-Xylenes	11.56	106	447515	63.22	ug/l	92
69) o-Xylene	11.93	106	43672	6.31	ug/l	88
73) Isopropylbenzene	12.27	105	65695	6.50	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	66975	28.65	ug/l #	51
78) n-propylbenzene	12.64	91	22463	1.76	ug/l	97
80) 1,3,5-Trimethylbenzene	12.79	105	37745	4.70	ug/l	98
84) 1,2,4-Trimethylbenzene	13.09	105	90445	10.80	ug/l	100
85) sec-Butylbenzene	13.22	105	63576	5.91	ug/l	96
86) p-Isopropyltoluene	13.34	119	32152	3.67	ug/l	92
89) n-Butylbenzene	13.64	91	33446m	2.53	ug/l	
95) Naphthalene	14.96	128	22173	3.98	ug/l #	82

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

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