

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064260.D
 Acq On : 18 Nov 2019 13:07
 Operator : VA/SY
 Sample : K5818-03
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40180

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 1:11:58 PM

Quant Time: Nov 19 04:57:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	507009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	748697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	424274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	100110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	268851	64.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.94%	
35) Dibromofluoromethane	7.92	113	249111	57.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.92%	
50) Toluene-d8	10.34	98	713014	43.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.96%	
62) 4-Bromofluorobenzene	12.64	95	144515	25.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.48%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.26	59	61386	210.771	ug/l	98
16) Acetone	4.17	43	176108	178.276	ug/l	98
25) 2-Butanone	7.23	43	33953	26.604	ug/l	94
30) Chloroform	7.71	83	15775	1.900	ug/l	92
31) Cyclohexane	7.98	56	78404	9.580	ug/l #	96
39) Methylcyclohexane	9.36	83	176072	20.138	ug/l	96
40) Benzene	8.36	78	64930	3.438	ug/l	91
51) 4-Methyl-2-Pentanone	10.24	43	172100	59.794	ug/l	99
52) Toluene	10.41	92	953676	76.799	ug/l	99
67) Ethyl Benzene	11.75	91	337458	21.624	ug/l	98
68) m/p-Xylenes	11.86	106	401967	67.199	ug/l	98
69) o-Xylene	12.18	106	161987	29.199	ug/l	97
73) Isopropylbenzene	12.48	105	83765	11.400	ug/l	98
78) n-propylbenzene	12.83	91	202927	24.172	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	212788	35.242	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	664733	111.514	ug/l	99
85) sec-Butylbenzene	13.41	105	91921	12.855	ug/l	84
86) p-Isopropyltoluene	13.53	119	133093	19.578	ug/l	99
89) n-Butylbenzene	13.85	91	86890m	14.147	ug/l	
95) Naphthalene	15.41	128	20946	5.906	ug/l	96

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

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