

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
 Data File : VF061150.D
 Acq On : 22 Dec 2018 17:54
 Operator : VA/AP
 Sample : J6191-01
 Misc : 6.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-07-122018-A

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 11:05:41 AM

Quant Time: Dec 24 03:36:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	143349	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	256173	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.80	117	162775	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	48360	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	109469	59.37	ug/l	0.02
Spiked Amount 50.000			Recovery	=	118.74%	
35) Dibromofluoromethane	4.13	113	127099	61.94	ug/l	0.02
Spiked Amount 50.000			Recovery	=	123.88%	
50) Toluene-d8	7.58	98	245609	42.23	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.46%	
62) 4-Bromofluorobenzene	11.42	95	80048	29.86	ug/l	0.01
Spiked Amount 50.000			Recovery	=	59.72%	
Target Compounds						
					Qvalue	
16) Acetone	2.26	43	17701	48.025	ug/l	94
18) Methyl Acetate	2.36	43	22172	29.076	ug/l	99
39) Methylcyclohexane	5.48	83	5128	1.849	ug/l #	87
40) Benzene	4.65	78	27716	4.168	ug/l	99
52) Toluene	7.65	92	34011	7.727	ug/l	96
67) Ethyl Benzene	9.92	91	9465	1.545	ug/l	96
68) m/p-Xylenes	10.15	106	13808	6.405	ug/l	89
69) o-Xylene	10.72	106	6165	2.578	ug/l	98
78) n-propylbenzene	11.60	91	7455	1.152	ug/l	92
80) 1,3,5-Trimethylbenzene	11.84	105	9105	2.653	ug/l	87
84) 1,2,4-Trimethylbenzene	12.21	105	32018	9.356	ug/l	99
89) n-Butylbenzene	12.85	91	5636m	1.485	ug/l	
95) Naphthalene	14.47	128	4509m	2.171	ug/l	

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

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