

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031919\
 Data File : VF062015.D
 Acq On : 19 Mar 2019 13:47
 Operator : VA/AP
 Sample : K1693-09
 Misc : 6.50g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-031819-A

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 3:39:14 PM

Quant Time: Mar 20 05:46:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	230579	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	293344	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	106156	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	108258	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	101785	61.32	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	122.64%	
35) Dibromofluoromethane	4.09	113	143834	73.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	146.04%	
50) Toluene-d8	7.53	98	42788	7.43	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	14.86%	
62) 4-Bromofluorobenzene	11.39	95	121275	53.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.02%	
Target Compounds						
					Qvalue	
16) Acetone	2.23	43	25958	69.646	ug/l	100
20) Methylene Chloride	2.17	84	11504m	5.995	ug/l	
52) Toluene	7.59	92	5189	1.210	ug/l	97
67) Ethyl Benzene	9.88	91	10356	3.060	ug/l	99
68) m/p-Xylenes	10.11	106	2573	2.022	ug/l #	31
69) o-Xylene	10.69	106	10241	7.520	ug/l	88
78) n-propylbenzene	11.58	91	12747	1.482	ug/l	95
80) 1,3,5-Trimethylbenzene	11.80	105	24263	4.016	ug/l	96
84) 1,2,4-Trimethylbenzene	12.19	105	11326	1.872	ug/l	97
85) sec-Butylbenzene	12.29	105	8916	1.044	ug/l	98
89) n-Butylbenzene	12.82	91	20107	3.004	ug/l #	33
95) Naphthalene	14.44	128	21020	5.323	ug/l #	81

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

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