

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
 Data File : VF061805.D
 Acq On : 1 Mar 2019 16:24
 Operator : VA/AP
 Sample : K1341-07
 Misc : 4.67g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-06-022719-A

Manual Integrations
 APPROVED

MMDadoda
 3/4/2019 4:01:00 PM

Quant Time: Mar 02 03:10:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	90117	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	138595	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	46536	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	39222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	48314	73.11	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	146.22%	
35) Dibromofluoromethane	4.10	113	64110	62.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	124.58%	
50) Toluene-d8	7.54	98	83489	28.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	56.44%	
62) 4-Bromofluorobenzene	11.48	95	248255	207.37	ug/l	0.06
Spiked Amount 50.000			Recovery	=	414.74%	
Target Compounds						
					Qvalue	
16) Acetone	2.24	43	15700	110.730	ug/l #	87
20) Methylene Chloride	2.17	84	16448m	20.144	ug/l	
39) Methylcyclohexane	5.44	83	12999	8.006	ug/l #	85
52) Toluene	7.61	92	182491	83.789	ug/l	99
67) Ethyl Benzene	9.89	91	712268	453.559	ug/l	99
68) m/p-Xylenes	10.12	106	1241555	2065.773	ug/l	87
69) o-Xylene	10.71	106	994442	1550.636	ug/l	87
73) Isopropylbenzene	11.11	105	515644	184.651	ug/l	99
78) n-propylbenzene	11.58	91	1309322	408.587	ug/l	100
80) 1,3,5-Trimethylbenzene	11.82	105	1718383	769.919	ug/l	92
83) tert-Butylbenzene	12.13	119	62838	25.419	ug/l	87
84) 1,2,4-Trimethylbenzene	12.20	105	3060730	1380.347	ug/l	87
85) sec-Butylbenzene	12.30	105	816671	255.467	ug/l	87
86) p-Isopropyltoluene	12.45	119	660690m	246.262	ug/l	
89) n-Butylbenzene	12.84	91	699322	276.042	ug/l #	78
95) Naphthalene	14.44	128	459749	286.576	ug/l #	84

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

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