

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010719\
 Data File : VF061278.D
 Acq On : 7 Jan 2019 14:42
 Operator : VA/AP
 Sample : K1012-03
 Misc : 6.94g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-010419-B

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 12:58:14 PM

Quant Time: Jan 08 00:49:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 03:27:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	48423	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	74449	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	53326	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.53	152	15402	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	19246	31.31	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	62.62%	
35) Dibromofluoromethane	4.09	113	27647	48.27	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	7.53	98	74761	43.98	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	87.96%	
62) 4-Bromofluorobenzene	11.39	95	22815	30.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	60.58%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.17	84	3898	3.633	ug/l #	93
31) Cyclohexane	3.68	56	7569	7.515	ug/l #	93
39) Methylcyclohexane	5.44	83	11376	12.137	ug/l #	74
40) Benzene	4.60	78	34436	17.305	ug/l	93
52) Toluene	7.60	92	30831	23.728	ug/l	92
67) Ethyl Benzene	9.88	91	15892	7.973	ug/l	95
68) m/p-Xylenes	10.11	106	17505	24.064	ug/l	88
69) o-Xylene	10.69	106	9487	12.056	ug/l	81
73) Isopropylbenzene	11.10	105	1841	1.407	ug/l	95
78) n-propylbenzene	11.58	91	3657	2.345	ug/l #	70
80) 1,3,5-Trimethylbenzene	11.80	105	11439	10.830	ug/l	97
84) 1,2,4-Trimethylbenzene	12.19	105	22735	21.622	ug/l	98
85) sec-Butylbenzene	12.30	105	1648	1.116	ug/l	100
86) p-Isopropyltoluene	12.44	119	2679m	2.201	ug/l	
95) Naphthalene	14.44	128	22603	33.731	ug/l	99

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

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