

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062557.D
 Acq On : 13 May 2019 22:27
 Operator : FY/SY
 Sample : K2642-03
 Misc : 5.76g/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-050919

Manual Integrations
 APPROVED

MMDadoda
 5/14/2019 11:21:32 AM

Quant Time: May 14 08:10:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	210951	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	323667	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	169039	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	49772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	102485	51.41	ug/l	0.03
Spiked Amount 50.000			Recovery	=	102.82%	
35) Dibromofluoromethane	4.33	113	112545	43.65	ug/l	0.03
Spiked Amount 50.000			Recovery	=	87.30%	
50) Toluene-d8	7.73	98	164410	26.34	ug/l	0.03
Spiked Amount 50.000			Recovery	=	52.68%	
62) 4-Bromofluorobenzene	11.51	95	42717	15.17	ug/l	0.02
Spiked Amount 50.000			Recovery	=	30.34%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.31	84	11873m	8.137	ug/l	
40) Benzene	4.84	78	87113	14.228	ug/l	96
52) Toluene	7.80	92	92608	24.518	ug/l	97
67) Ethyl Benzene	10.05	91	18607	3.799	ug/l	99
68) m/p-Xylenes	10.27	106	51073	28.264	ug/l	99
69) o-Xylene	10.83	106	43809	22.436	ug/l	97
70) Styrene	10.91	104	43544	14.880	ug/l	100
73) Isopropylbenzene	11.23	105	10431	3.535	ug/l	89
78) n-propylbenzene	11.68	91	13515	4.302	ug/l	98
80) 1,3,5-Trimethylbenzene	11.91	105	114113	44.123	ug/l	90
84) 1,2,4-Trimethylbenzene	12.28	105	342295	135.245	ug/l	99
85) sec-Butylbenzene	12.37	105	12232	3.697	ug/l	93
86) p-Isopropyltoluene	12.53	119	11927m	3.880	ug/l	
95) Naphthalene	14.50	128	2444853	1324.407	ug/l #	97

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

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