

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010719\
 Data File : VF061280.D
 Acq On : 7 Jan 2019 15:39
 Operator : VA/AP
 Sample : K1066-01
 Misc : 6.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TN-1419

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 12:58:19 PM

Quant Time: Jan 08 00:54:33 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	4.82	168	121088	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.56	114	199112	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.75	117	142251	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.53	152	45951	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.81	65	52104	33.90	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	67.80%	
35) Dibromofluoromethane	4.10	113	55401	36.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	72.34%	
50) Toluene-d8	7.52	98	219705	48.33	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	11.39	95	52662	26.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	52.30%	
Target Compounds						
					Qvalue	
31) Cyclohexane	3.57	56	26174	10.392	ug/l	94
39) Methylcyclohexane	5.37	83	94820	37.826	ug/l	93
40) Benzene	4.56	78	51885	9.749	ug/l #	84
52) Toluene	7.59	92	206115	59.312	ug/l	97
59) 2-Hexanone	9.51	43	4108	6.540	ug/l	87
67) Ethyl Benzene	9.88	91	73092	13.746	ug/l #	89
68) m/p-Xylenes	10.11	106	117708	60.658	ug/l	88
69) o-Xylene	10.69	106	64854	30.895	ug/l	86
73) Isopropylbenzene	11.10	105	42634	10.923	ug/l	88
78) n-propylbenzene	11.58	91	60190	12.937	ug/l	94
80) 1,3,5-Trimethylbenzene	11.81	105	22085	7.009	ug/l	93
84) 1,2,4-Trimethylbenzene	12.19	105	101147	32.243	ug/l	97
85) sec-Butylbenzene	12.30	105	21964	4.984	ug/l	90
86) p-Isopropyltoluene	12.45	119	14137m	3.893	ug/l	
95) Naphthalene	14.45	128	19673	9.840	ug/l	100

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

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