

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089960.D
 Acq On : 31 Aug 2016 19:49
 Operator : UM/SJ
 Sample : H4635-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 16FT-SOIL

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:54:31 AM

Quant Time: Sep 01 03:12:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	178734	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	681424	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	319001	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	488510	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	411055	20.00	ng	-0.01
86) Perylene-d12	15.10	264	427969	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1487566	133.22	ng	0.01
7) Phenol-d6	6.28	99	1947526	143.54	ng	0.01
23) Nitrobenzene-d5	7.20	82	1116558	95.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	343506	109.15	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2017359	103.81	ng	0.00
78) Terphenyl-d14	12.72	244	1298531	78.04	ng	0.00

Target Compounds						Qvalue
20) 3+4-Methylphenols	7.05	107	30069	2.56	ng	# 66
31) Naphthalene	7.94	128	191697	5.65	ng	98
49) Dimethylphthalate	9.39	163	577979	25.07	ng	100
51) Acenaphthene	9.69	154	223288	11.73	ng	98
57) Fluorene	10.20	166	135055	7.25	ng	99
70) Phenanthrene	11.15	178	630736	25.93	ng	98
71) Anthracene	11.21	178	261937	10.62	ng	97
74) Fluoranthene	12.33	202	561789	22.04	ng	94
77) Pyrene	12.56	202	648730	22.38	ng	99
80) Benzo(a)anthracene	13.74	228	264882m	10.52	ng	
82) Chrysene	13.77	228	194059	8.25	ng	97
85) Indeno(1,2,3-cd)pyrene	16.31	276	101345	5.83	ng	97
87) Benzo(b)fluoranthene	14.73	252	231437m	8.63	ng	
88) Benzo(k)fluoranthene	14.74	252	101179m	4.45	ng	
89) Benzo(a)pyrene	15.04	252	210109	9.15	ng	# 96
91) Benzo(g,h,i)perylene	16.67	276	96479	5.69	ng	# 94

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

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