

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089961.D
 Acq On : 31 Aug 2016 20:17
 Operator : UM/SJ
 Sample : H4635-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11FT-SOIL

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:54:38 AM

Quant Time: Sep 01 03:15:52 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	202229	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	722268	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	347848	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	520701	20.00	ng	0.00
75) Chrysene-d12	13.77	240	363386	20.00	ng	0.01
86) Perylene-d12	15.12	264	487141	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1547400	122.48	ng	0.01
7) Phenol-d6	6.28	99	1880303	122.48	ng	0.01
23) Nitrobenzene-d5	7.21	82	1352221	108.58	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	394223	114.87	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1982900	93.58	ng	0.00
78) Terphenyl-d14	12.72	244	1183909	80.48	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.94	128	1040106	28.91	ng	100
37) 2-Methylnaphthalene	8.63	142	385991	16.23	ng	97
45) 1,1'-Biphenyl	9.10	154	161141	5.75	ng	96
48) Acenaphthylene	9.53	152	297482	9.08	ng	98
49) Dimethylphthalate	9.39	163	773752	30.78	ng	100
51) Acenaphthene	9.70	154	737883	35.55	ng	100
54) Dibenzofuran	9.87	168	775585	27.88	ng	92
57) Fluorene	10.22	166	964844	47.47	ng	98
70) Phenanthrene	11.18	178	4653633	179.47	ng	98
71) Anthracene	11.22	178	2067785	78.62	ng	100
72) Carbazole	11.37	167	833716	33.81	ng	99
74) Fluoranthene	12.36	202	5572104	205.05	ng	96
77) Pyrene	12.58	202	5223098m	203.86	ng	
80) Benzo(a)anthracene	13.76	228	3596134	161.58	ng	96
82) Chrysene	13.81	228	2352772	113.17	ng	97
83) Bis(2-ethylhexyl)phthalate	13.77	149	39624	2.77	ng	99
85) Indeno(1,2,3-cd)pyrene	16.37	276	1664987	108.32	ng	94
87) Benzo(b)fluoranthene	14.77	252	3620295m	118.63	ng	
88) Benzo(k)fluoranthene	14.79	252	1169072m	45.14	ng	
89) Benzo(a)pyrene	15.09	252	2859983	109.38	ng	96
90) Dibenzo(a,h)anthracene	16.38	278	574103	29.97	ng	93
91) Benzo(g,h,i)perylene	16.74	276	1513668	78.50	ng	96

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

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