

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089781.D
 Acq On : 17 Aug 2016 23:26
 Operator : UM/SJ
 Sample : H4490-12
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-6

Manual Integrations
 APPROVED

sohil
 8/18/2016 5:59:29 PM

Quant Time: Aug 18 15:58:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	555128	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2130593	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1025030	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	1706076	20.00	ng	0.00
75) Chrysene-d12	13.86	240	1207456	20.00	ng	-0.03
86) Perylene-d12	15.30	264	1177551	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2883428	86.66	ng	0.00
7) Phenol-d6	6.33	99	3598179	85.02	ng	0.00
23) Nitrobenzene-d5	7.27	82	2458577	70.46	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	937156	94.51	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	4016646	62.88	ng	-0.01
78) Terphenyl-d14	12.80	244	2849399	70.50	ng	-0.01
Target Compounds						Qvalue
48) Acenaphthylene	9.60	152	256155	2.62	ng	97
49) Dimethylphthalate	9.46	163	2383854	32.14	ng	99
70) Phenanthrene	11.23	178	345369	4.12	ng	99
71) Anthracene	11.28	178	217226	2.48	ng	98
74) Fluoranthene	12.42	202	1250900	14.85	ng	97
77) Pyrene	12.64	202	1747147	22.11	ng	98
80) Benzo(a)anthracene	13.85	228	930768	13.27	ng	94
82) Chrysene	13.89	228	1000818	15.85	ng	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	211227	4.03	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.59	276	439453	8.17	ng	94
87) Benzo(b)fluoranthene	14.93	252	849729m	11.39	ng	
88) Benzo(k)fluoranthene	14.95	252	303025m	4.93	ng	
89) Benzo(a)pyrene	15.25	252	707554	11.49	ng	98
90) Dibenzo(a,h)anthracene	16.61	278	118050m	2.43	ng	
91) Benzo(a,h,i)perylene	16.98	276	473211	9.59	ng	95

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

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