

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085894.D
 Acq On : 30 Mar 2016 18:56
 Operator : UM/SJ
 Sample : H2025-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-PH3-SOIL-32816

Manual Integrations
 APPROVED

Sohil
 3/31/2016 4:52:00 PM

Quant Time: Mar 31 16:13:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104641	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	411723	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	184933	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	296395	20.00	ng	0.00
75) Chrysene-d12	13.97	240	184756	20.00	ng	0.00
86) Perylene-d12	15.39	264	223805	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	734329	116.87	ng	0.00
7) Phenol-d6	6.44	99	854285	106.94	ng	-0.01
23) Nitrobenzene-d5	7.36	82	526693	72.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	183427	104.39	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	869040	78.51	ng	0.00
78) Terphenyl-d14	12.91	244	504084	56.11	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.10	128	382836	18.45	ng	99
37) 2-Methylnaphthalene	8.80	142	104941	6.36	ng	99
45) 1,1'-Biphenyl	9.26	154	53236	3.41	ng	98
48) Acenaphthylene	9.70	152	437301	23.39	ng	98
49) Dimethylphthalate	9.56	163	164736	11.74	ng	100
51) Acenaphthene	9.88	154	358619	31.40	ng	98
54) Dibenzofuran	10.05	168	39629	2.68	ng	# 94
57) Fluorene	10.39	166	247407	20.13	ng	99
70) Phenanthrene	11.35	178	1629414	107.07	ng	99
71) Anthracene	11.40	178	648370	40.58	ng	99
72) Carbazole	11.56	167	32427	2.42	ng	95
74) Fluoranthene	12.55	202	2210594	136.66	ng	93
77) Pyrene	12.78	202	2810267	185.04	ng	97
80) Benzo(a)anthracene	13.96	228	1432801m	136.01	ng	
82) Chrysene	14.00	228	1007866	94.98	ng	98
85) Indeno(1,2,3-cd)pyrene	16.78	276	771653	94.17	ng	94
87) Benzo(b)fluoranthene	15.00	252	1303548m	92.46	ng	
88) Benzo(k)fluoranthene	15.00	252	693232m	54.54	ng	
89) Benzo(a)pyrene	15.34	252	1203610	96.15	ng	98
90) Dibenzo(a,h)anthracene	16.78	278	178223m	15.32	ng	
91) Benzo(g,h,i)perylene	17.19	276	782026	66.40	ng	99

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

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