

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094691.D
 Acq On : 28 Apr 2017 18:44
 Operator : SJ/MA
 Sample : I2870-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS-DRUMS(COMP)

Manual Integrations
 APPROVED

mohammad
 5/1/2017 6:35:52 PM

Quant Time: Apr 29 01:12:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	91311	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	345043	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	146425	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	221924	20.00	ng	0.01
75) Chrysene-d12	14.48	240	184564	20.00	ng	0.00
86) Perylene-d12	16.11	264	139467	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	801243	145.58	ng	0.04
7) Phenol-d6	5.41	99	955126	147.20	ng	0.01
23) Nitrobenzene-d5	6.42	82	537671	96.22	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	150348	131.27	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	885106	88.94	ng	0.00
78) Terphenyl-d14	13.20	244	567618	82.20	ng	0.00
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	5.70	146	40895	5.89	ng	97
13) 1,4-Dichlorobenzene	5.79	146	142784	20.45	ng	98
14) 1,2-Dichlorobenzene	5.96	146	43486	6.76	ng	97
30) 1,2,4-Trichlorobenzene	7.20	180	48797	9.88	ng	98
31) Naphthalene	7.28	128	56098	3.38	ng	98
48) Acenaphthylene	9.22	152	92749	6.25	ng	99
49) Dimethylphthalate	9.09	163	52522	4.81	ng	# 99
51) Acenaphthene	9.44	154	31495	3.55	ng	92
54) Dibenzofuran	9.65	168	84591	6.55	ng	98
57) Fluorene	10.07	166	131866	13.12	ng	96
70) Phenanthrene	11.27	178	936363	74.93	ng	98
71) Anthracene	11.32	178	274146	21.21	ng	98
72) Carbazole	11.53	167	63630	5.24	ng	98
74) Fluoranthene	12.72	202	955465	73.77	ng	99
77) Pyrene	13.00	202	795130	61.66	ng	99
80) Benzo(a)anthracene	14.47	228	378809	35.31	ng	98
82) Chrysene	14.51	228	328200	33.48	ng	96
83) Bis(2-ethylhexyl)phthalate	14.52	149	34180	4.50	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.39	276	118303	12.68	ng	95
87) Benzo(b)fluoranthene	15.71	252	320391m	37.55	ng	
88) Benzo(k)fluoranthene	15.73	252	127692m	15.82	ng	
89) Benzo(a)pyrene	16.05	252	225682	28.43	ng	99
90) Dibenz(a,h)anthracene	17.40	278	33850	5.14	ng	# 80
91) Benzo(g,h,i)perylene	17.77	276	111113	16.56	ng	96

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

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