

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091051.D
 Acq On : 7 Nov 2016 13:10
 Operator : UM/SJ
 Sample : H5524-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Manual Integrations
 APPROVED

sohil
 11/8/2016 4:31:38 PM

Quant Time: Nov 07 17:45:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	178409	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	782653	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	381515	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	633159	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	453714	20.00	ng	-0.03
86) Perylene-d12	15.21	264	378112	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1216862	112.65	ng	-0.02
7) Phenol-d6	6.34	99	1546939	105.50	ng	-0.01
23) Nitrobenzene-d5	7.24	82	958475	66.81	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	401358	116.36	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1637102	73.88	ng	-0.03
78) Terphenyl-d14	12.79	244	1896543	104.31	ng	-0.02
Target Compounds						Qvalue
8) 2-Chlorophenol	6.46	128	2065010	160.26	ng	92
10) Phenol	6.36	94	3030172	186.73	ng	# 59
11) bis(2-Chloroethyl)ether	6.43	93	1316572	96.28	ng	89
12) 1,3-Dichlorobenzene	6.61	146	1621047m	124.39	ng	
13) 1,4-Dichlorobenzene	6.69	146	1195760	85.51	ng	97
14) 1,2-Dichlorobenzene	6.84	146	1172206	91.34	ng	98
18) Hexachloroethane	7.18	117	231201	42.72	ng	96
24) Nitrobenzene	7.26	77	1253895	79.13	ng	99
25) Isophorone	7.52	82	3973134	143.71	ng	# 92
29) 2,4-Dichlorophenol	7.84	162	1190991	123.06	ng	92
30) 1,2,4-Trichlorobenzene	7.90	180	1020126	93.74	ng	99
31) Naphthalene	7.98	128	3055264	81.63	ng	97
34) Hexachlorobutadiene	8.11	225	759921	129.38	ng	98
37) 2-Methylnaphthalene	8.67	142	1733414	72.04	ng	99
48) Acenaphthylene	9.57	152	2860574	86.79	ng	97
51) Acenaphthene	9.74	154	1357451	65.60	ng	99
55) 4-Nitrophenol	9.86	139	452024	104.84	ng	93
57) Fluorene	10.26	166	1226263	53.86	ng	100
60) 4-Chlorophenyl-phenylether	10.27	204	1409855	136.05	ng	# 84
67) Hexachlorobenzene	10.81	284	313353	43.14	ng	93
70) Phenanthrene	11.23	178	4036617	119.93	ng	96
71) Anthracene	11.28	178	3088612	86.31	ng	97
74) Fluoranthene	12.41	202	3123654	89.48	ng	95
77) Pyrene	12.64	202	2676381	90.07	ng	98
80) Benzo(a)anthracene	13.81	228	837155	32.50	ng	99
82) Chrysene	13.86	228	1594780	62.78	ng	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	2898927	150.72	ng	# 91
84) Di-n-octyl phthalate	14.44	149	4163490	131.65	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.51	276	1363276	64.68	ng	97
87) Benzo(b)fluoranthene	14.83	252	1565493	61.04	ng	98
90) Dibenzo(a,h)anthracene	16.53	278	1730408	89.66	ng	97
91) Benzo(a,h,i)perylene	16.90	276	760371	43.57	ng	97

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

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