

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086830.D
 Acq On : 9 May 2016 18:48
 Operator : UM/SJ
 Sample : H2817-15DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Manual Integrations
 APPROVED

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 5/10/2016 7:01:08 PM

Quant Time: May 10 11:34:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	149164	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	633958	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	323401	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	659455	20.00	ng	0.00
75) Chrysene-d12	13.84	240	526891	20.00	ng	0.00
86) Perylene-d12	15.21	264	433131	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	196590	22.32	ng	0.00
7) Phenol-d6	6.35	99	290166	24.65	ng	-0.01
23) Nitrobenzene-d5	7.26	82	177794	14.08	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	82833	24.19	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	370249	19.24	ng	0.00
78) Terphenyl-d14	12.79	244	384607	15.49	ng	-0.01

Target Compounds						Qvalue
8) 2-Chlorophenol	6.48	128	217203	20.44	ng	87
10) Phenol	6.36	94	410518	29.34	ng	92
11) bis(2-Chloroethyl)ether	6.43	93	253322	23.22	ng	88
12) 1,3-Dichlorobenzene	6.62	146	445285m	38.72	ng	
13) 1,4-Dichlorobenzene	6.70	146	492430m	41.98	ng	
14) 1,2-Dichlorobenzene	6.86	146	536752	52.50	ng	96
18) Hexachloroethane	7.20	117	184218	41.74	ng	96
25) Isophorone	7.52	82	790829	33.76	ng	97
29) 2,4-Dichlorophenol	7.85	162	142284	16.62	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	280478	29.31	ng	95
31) Naphthalene	8.00	128	464184	14.62	ng	99
34) Hexachlorobutadiene	8.12	225	80940	14.58	ng	98
36) 4-Chloro-3-methylphenol	8.54	107	367877	35.44	ng	# 86
37) 2-Methylnaphthalene	8.69	142	878530	47.33	ng	99
42) 2,4,6-Trichlorophenol	8.98	196	178200	28.34	ng	93
43) 2,4,5-Trichlorophenol	9.02	196	80787	12.42	ng	94
46) 2-Chloronaphthalene	9.17	162	434353	21.55	ng	94
51) Acenaphthene	9.76	154	373781	20.27	ng	98
55) 4-Nitrophenol	9.88	139	112529	33.67	ng	# 73
59) Diethylphthalate	10.16	149	498881	20.75	ng	98
60) 4-Chlorophenyl-phenylether	10.27	204	375714	42.10	ng	87
66) 4-Bromophenyl-phenylether	10.75	248	115011	17.20	ng	# 88
69) Pentachlorophenol	11.02	266	87673	24.28	ng	95
71) Anthracene	11.28	178	650027	18.06	ng	99
73) Di-n-butylphthalate	11.78	149	1200711	31.78	ng	99
77) Pyrene	12.64	202	985337	24.43	ng	99
79) Butylbenzylphthalate	13.27	149	309689	18.15	ng	# 84
82) Chrysene	13.86	228	822272	27.33	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	492430	23.99	ng	98
84) Di-n-octyl phthalate	14.43	149	822129	24.18	ng	# 83
87) Benzo(b)fluoranthene	14.84	252	486713m	17.29	ng	
88) Benzo(k)fluoranthene	14.85	252	581349m	25.22	ng	
91) Benzo(a,h,i)perylene	16.88	276	234780	11.29	ng	# 92

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

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