

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093840.D
 Acq On : 22 Mar 2017 18:56
 Operator : SJ/MA
 Sample : I2296-01
 Misc : LOD 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

Quant Time: Mar 23 12:07:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 17:41:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	190700	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	780000	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	346469	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	616783	20.00	ng	0.00
75) Chrysene-d12	14.71	240	524018	20.00	ng	0.00
86) Perylene-d12	16.34	264	416014	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1347755	119.37	ng	0.00
7) Phenol-d6	5.57	99	1663457	119.09	ng	0.00
23) Nitrobenzene-d5	6.63	82	1173149	85.83	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	353415	129.08	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	2032103	89.46	ng	0.00
78) Terphenyl-d14	13.44	244	1691683	72.36	ng	0.00

Target Compounds					Qvalue	
6) Aniline	5.60	93	22230	1.14	ng	98
8) 2-Chlorophenol	5.74	128	15118	1.22	ng	95
9) Benzaldehyde	5.48	77	10936	1.16	ng	97
10) Phenol	5.58	94	17447	1.10	ng	89
11) bis(2-Chloroethyl)ether	5.69	93	14549	1.17	ng	97
12) 1,3-Dichlorobenzene	5.92	146	16339	1.17	ng	92
13) 1,4-Dichlorobenzene	6.00	146	16982	1.20	ng	97
14) 1,2-Dichlorobenzene	6.18	146	15993m	1.23	ng	
15) Benzyl Alcohol	6.17	79	28496	2.79	ng	# 32
16) 2,2'-oxybis(1-Chloropropan	6.30	45	21733	1.14	ng	93
18) Hexachloroethane	6.58	117	5473	1.10	ng	# 84
24) Nitrobenzene	6.65	77	19007	1.41	ng	92
31) Naphthalene	7.52	128	45356	1.21	ng	98
34) Hexachlorobutadiene	7.67	225	6161	1.13	ng	97
37) 2-Methylnaphthalene	8.36	142	29484	1.18	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	12553	1.32	ng	96
45) 1,1'-Biphenyl	8.93	154	40155	1.44	ng	98
46) 2-Chloronaphthalene	8.95	162	27103	1.24	ng	# 91
47) 2-Nitroaniline	9.06	65	5934	0.91	ng	92
48) Acenaphthylene	9.46	152	42978	1.18	ng	98
49) Dimethylphthalate	9.30	163	29453	1.20	ng	98
50) 2,6-Dinitrotoluene	9.37	165	5372	0.95	ng	# 86
51) Acenaphthene	9.67	154	26323	1.24	ng	97
54) Dibenzofuran	9.88	168	36869	1.28	ng	99
57) Fluorene	10.30	166	30654	1.28	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.03	232	4653	0.93	ng	# 97
59) Diethylphthalate	10.18	149	28427	1.17	ng	98
62) Azobenzene	10.51	77	25450	1.11	ng	98
65) n-Nitrosodiphenylamine	10.46	169	24630	1.15	ng	98
66) 4-Bromophenyl-phenylether	10.91	248	6897	1.14	ng	95
67) Hexachlorobenzene	10.98	284	7611	1.24	ng	# 72
68) Atrazine	11.12	200	6673	1.04	ng	92
70) Phenanthrene	11.48	178	42503	1.24	ng	98
71) Anthracene	11.55	178	43082	1.22	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

72) Carbazole	11.74	167	40733	1.12	ng	99
73) Di-n-butylphthalate	12.20	149	37327	0.99	ng	99
74) Fluoranthene	12.94	202	38739	1.10	ng	97
77) Pyrene	13.22	202	42359	1.11	ng	98
79) Butylbenzylphthalate	14.04	149	12084	0.75	ng	# 78
80) Benzo(a)anthracene	14.69	228	34086	1.12	ng	97
82) Chrysene	14.73	228	33587	1.18	ng	95
83) Bis(2-ethylhexyl)phthalate	14.76	149	20475	0.93	ng	# 98
84) Di-n-octyl phthalate	15.51	149	26150	0.71	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.73	276	21934	0.89	ng	94
87) Benzo(b)fluoranthene	15.92	252	27439	1.08	ng	97
88) Benzo(k)fluoranthene	15.95	252	27331	1.09	ng	# 95
89) Benzo(a)pyrene	16.28	252	24954	1.06	ng	98
90) Dibenzo(a,h)anthracene	17.75	278	19286	0.97	ng	95
91) Benzo(a,h,i)perylene	18.13	276	19061	0.95	ng	# 90

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

