

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105152.D
 Acq On : 8 May 2018 19:00
 Operator : JU/SJ
 Sample : J2133-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

Quant Time: May 09 08:49:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	217024	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	852184	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	418605	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	801580	20.00	ng	0.00
75) Chrysene-d12	13.99	240	702515	20.00	ng	-0.02
86) Perylene-d12	15.53	264	635606	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1619644	122.95	ng	0.00
7) Phenol-d6	6.42	99	1964685	125.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	1108601	88.17	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	613376	132.81	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2043743	75.78	ng	0.00
78) Terphenyl-d14	12.91	244	2235478	73.92	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.46	93	17796	0.777	ng	92
8) 2-Chlorophenol	6.57	128	15158	1.085	ng	91
9) Benzaldehyde	6.35	77	7912	0.658	ng	93
10) Phenol	6.43	94	17648	1.011	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	15432	1.073	ng	91
12) 1,3-Dichlorobenzene	6.73	146	18587	1.103	ng	98
13) 1,4-Dichlorobenzene	6.81	146	20032	1.189	ng	90
14) 1,2-Dichlorobenzene	6.96	146	16795	1.081	ng	94
15) Benzyl Alcohol	6.93	79	12916	1.076	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	27031	1.011	ng	98
18) Hexachloroethane	7.30	117	5820	1.074	ng	94
24) Nitrobenzene	7.37	77	20101	1.410	ng	98
31) Naphthalene	8.09	128	47314	1.153	ng	99
34) Hexachlorobutadiene	8.21	225	10032	1.284	ng	97
37) 2-Methylnaphthalene	8.78	142	31896	1.115	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	15211	1.142	ng	# 94
45) 1,1'-Biphenyl	9.25	154	49003	1.437	ng	98
46) 2-Chloronaphthalene	9.27	162	29868	1.172	ng	97
47) 2-Nitroaniline	9.36	65	4864	6.381	ng	# 86
48) Acenaphthylene	9.69	152	46265	1.175	ng	96
49) Dimethylphthalate	9.54	163	33459	1.181	ng	99
50) 2,6-Dinitrotoluene	9.60	165	4454	0.724	ng	93
51) Acenaphthene	9.86	154	30192	1.190	ng	95
54) Dibenzofuran	10.03	168	44306	1.194	ng	92
57) Fluorene	10.37	166	34775	1.278	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	6521	0.860	ng	# 83
59) Diethylphthalate	10.25	149	31983	1.148	ng	97
62) Azobenzene	10.53	77	30564	1.052	ng	97
65) n-Nitrosodiphenylamine	10.49	169	28652	1.147	ng	97
66) 4-Bromophenyl-phenylether	10.86	248	9275	1.085	ng	90
67) Hexachlorobenzene	10.92	284	11935	1.212	ng	# 83
68) Atrazine	11.00	200	5379	0.687	ng	95
70) Phenanthrene	11.33	178	53015	1.254	ng	98
71) Anthracene	11.39	178	48870	1.138	ng	97

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

72) Carbazole	11.54	167	44114	1.140	nq	99
73) Di-n-butylphthalate	11.87	149	39883	0.964	nq	98
74) Fluoranthene	12.52	202	50684	1.151	nq	91
77) Pyrene	12.75	202	51149	1.001	nq	97
79) Butylbenzylphthalate	13.39	149	11061	7.412	nq	98
80) Benzo(a)anthracene	13.98	228	46963	1.102	nq	98
82) Chrysene	14.02	228	46399	1.057	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	16726	0.792	nq #	95
84) Di-n-octyl phthalate	14.67	149	19712	7.347	nq #	83
85) Indeno(1,2,3-cd)pyrene	16.96	276	27879	0.802	nq	96
87) Benzo(b)fluoranthene	15.10	252	37975	0.977	nq	95
88) Benzo(k)fluoranthene	15.13	252	39188	1.039	nq #	96
89) Benzo(a)pyrene	15.46	252	32371	0.915	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	22262	0.810	nq	98
91) Benzo(a,h,i)perylene	17.39	276	21644	0.805	nq	91

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

