

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010215\
 Data File : BF076736.D
 Acq On : 2 Jan 2015 21:04
 Operator : IZ / TP
 Sample : G1001-04
 Misc : L00-SOIL-20PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Quant Time: Jan 03 02:55:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 02 22:56:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	43212	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	173849	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	95995	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	166804	20.00	ng	0.00
75) Chrysene-d12	15.50	240	161224	20.00	ng	-0.01
86) Perylene-d12	17.17	264	137947	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	312502	122.60	ng	0.01
7) Phenol-d6	6.31	99	407634	130.94	ng	0.00
23) Nitrobenzene-d5	7.42	82	235129	80.44	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	101973	125.69	ng	-0.01
44) 2-Fluorobiphenyl	9.66	172	485905	78.77	ng	0.00
78) Terphenyl-d14	14.25	244	510298	69.82	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.41	88	12616	11.58	ng	# 100
3) Pyridine	1.94	79	35598	12.98	ng	97
4) n-Nitrosodimethylamine	1.88	42	17554	13.23	ng	98
6) Aniline	6.29	93	54264	12.21	ng	# 85
8) 2-Chlorophenol	6.44	128	45271	15.51	ng	92
9) Benzaldehyde	6.14	77	33003	13.94	ng	99
10) Phenol	6.32	94	58604	15.51	ng	84
11) bis(2-Chloroethyl)ether	6.41	93	43334	15.93	ng	98
12) 1,3-Dichlorobenzene	6.63	146	47948	14.15	ng	97
13) 1,4-Dichlorobenzene	6.73	146	48688	14.19	ng	98
14) 1,2-Dichlorobenzene	6.92	146	48238	14.82	ng	96
15) Benzyl Alcohol	6.93	79	41734	15.48	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	59116	15.00	ng	95
17) 2-Methylphenol	7.09	107	35490	14.80	ng	96
18) Hexachloroethane	7.34	117	18690	15.24	ng	# 75
19) n-Nitroso-di-n-propylamine	7.26	70	31648	13.92	ng	96
20) 3+4-Methylphenols	7.29	107	43841	13.54	ng	90
22) Acetophenone	7.24	105	67757	16.26	ng	# 95
24) Nitrobenzene	7.44	77	52823	17.43	ng	98
25) Isophorone	7.75	82	92996	16.51	ng	# 92
26) 2-Nitrophenol	7.84	139	22532	15.22	ng	# 89
27) 2,4-Dimethylphenol	7.93	122	39242	16.38	ng	95
28) bis(2-Chloroethoxy)methane	8.06	93	54205	16.39	ng	99
29) 2,4-Dichlorophenol	8.15	162	37769	16.04	ng	96
30) 1,2,4-Trichlorobenzene	8.24	180	38516	15.17	ng	98
31) Naphthalene	8.32	128	138763	16.11	ng	99
32) Benzoic acid	8.05	122	17146	15.60	ng	# 85
33) 4-Chloroaniline	8.42	127	48787	13.88	ng	98
34) Hexachlorobutadiene	8.49	225	23969	16.24	ng	93
35) Caprolactam	8.82	113	10981	16.17	ng	98
36) 4-Chloro-3-methylphenol	9.04	107	42340	16.16	ng	# 83
37) 2-Methylnaphthalene	9.18	142	92305	15.36	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	37298	15.80	ng	# 77
40) Hexachlorocyclopentadiene	9.37	237	14865	16.74	ng	91

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	25467	14.87	nq	99
43) 2,4,5-Trichlorophenol	9.59	196	26093	14.16	nq	97
45) 1,1'-Biphenyl	9.76	154	111363	15.62	nq	97
46) 2-Chloronaphthalene	9.77	162	89848	15.89	nq	97
47) 2-Nitroaniline	9.92	65	28586	16.61	nq	# 83
48) Acenaphthylene	10.28	152	157112	16.33	nq	99
49) Dimethylphthalate	10.17	163	118819	17.50	nq	99
50) 2,6-Dinitrotoluene	10.23	165	23047	16.56	nq	# 45
51) Acenaphthene	10.49	154	86706	15.93	nq	97
52) 3-Nitroaniline	10.42	138	25951	16.43	nq	81
53) 2,4-Dinitrophenol	10.57	184	5971	13.92	nq	94
54) Dibenzofuran	10.71	168	127722	16.22	nq	92
55) 4-Nitrophenol	10.68	139	15756m	13.01	nq	
56) 2,4-Dinitrotoluene	10.72	165	33769	18.21	nq	# 78
57) Fluorene	11.12	166	110165	16.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.87	232	20778	15.16	nq	# 100
59) Diethylphthalate	11.04	149	117104	16.88	nq	99
60) 4-Chlorophenyl-phenylether	11.14	204	48264	16.86	nq	# 85
61) 4-Nitroaniline	11.17	138	26291	15.83	nq	93
62) Azobenzene	11.34	77	99640	14.58	nq	92
64) 4,6-Dinitro-2-methylphenol	11.21	198	13028	12.49	nq	82
65) n-Nitrosodiphenylamine	11.29	169	90537	15.45	nq	95
66) 4-Bromophenyl-phenylether	11.75	248	27497	16.92	nq	# 67
67) Hexachlorobenzene	11.78	284	29648	15.63	nq	# 88
68) Atrazine	11.98	200	26962	15.40	nq	98
69) Pentachlorophenol	12.05	266	10967	11.81	nq	95
70) Phenanthrene	12.29	178	158068	15.71	nq	99
71) Anthracene	12.36	178	161888	16.40	nq	97
72) Carbazole	12.57	167	147706	15.42	nq	99
73) Di-n-butylphthalate	13.05	149	183249	15.58	nq	99
74) Fluoranthene	13.75	202	165992	16.15	nq	94
76) Benzidine	13.96	184	68194	10.15	nq	99
77) Pyrene	14.01	202	169973	15.07	nq	98
79) Butylbenzylphthalate	14.89	149	78775	14.61	nq	99
80) Benzo(a)anthracene	15.49	228	157528	15.69	nq	99
81) 3,3'-Dichlorobenzidine	15.50	252	36704	10.94	nq	# 98
82) Chrysene	15.53	228	148828	16.20	nq	98
83) Bis(2-ethylhexyl)phthalate	15.61	149	110443	13.54	nq	99
84) Di-n-octyl phthalate	16.39	149	186154	13.36	nq	100
85) Indeno(1,2,3-cd)pyrene	18.32	276	150749	14.95	nq	95
87) Benzo(b)fluoranthene	16.75	252	162847	17.89	nq	# 97
88) Benzo(k)fluoranthene	16.78	252	118995m	14.04	nq	
89) Benzo(a)pyrene	17.11	252	136938	16.86	nq	97
90) Dibenzo(a,h)anthracene	18.36	278	131460	16.33	nq	98
91) Benzo(g,h,i)perylene	18.64	276	128068	16.35	nq	94

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

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