

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF077998.D
 Acq On : 26 Mar 2015 16:36
 Operator : TP/IZ
 Sample : G1614-04
 Misc : LOQ-SOIL-20PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Quant Time: Mar 27 05:32:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	32615	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	135895	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	67212	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	137958	20.00	ng	-0.01
75) Chrysene-d12	15.96	240	150342	20.00	ng	-0.05
86) Perylene-d12	17.77	264	140161	20.00	ng	-0.13

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	252248	135.00	ng	0.00
7) Phenol-d6	6.67	99	305355	132.27	ng	-0.01
23) Nitrobenzene-d5	7.79	82	186636	90.03	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	80209	124.73	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	415683	90.89	ng	0.00
78) Terphenyl-d14	14.67	244	507080	82.39	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	13282	15.66	ng	# 100
3) Pyridine	2.66	79	33726	14.80	ng	98
4) n-Nitrosodimethylamine	2.57	42	15772	15.89	ng	# 81
6) Aniline	6.68	93	49210	14.90	ng	# 70
8) 2-Chlorophenol	6.83	128	39274	17.66	ng	88
9) Benzaldehyde	6.53	77	29184	30.86	ng	98
10) Phenol	6.69	94	48451	17.75	ng	# 75
11) bis(2-Chloroethyl)ether	6.78	93	36901	18.05	ng	94
12) 1,3-Dichlorobenzene	7.01	146	42114	17.02	ng	99
13) 1,4-Dichlorobenzene	7.12	146	41778	16.25	ng	98
14) 1,2-Dichlorobenzene	7.30	146	40938	17.37	ng	98
15) Benzyl Alcohol	7.29	79	31872	17.69	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.46	45	46645	16.93	ng	99
17) 2-Methylphenol	7.44	107	31574	17.44	ng	96
18) Hexachloroethane	7.71	117	14004	16.61	ng	94
19) n-Nitroso-di-n-propylamine	7.62	70	25452	15.94	ng	# 93
20) 3+4-Methylphenols	7.63	107	41165	17.33	ng	93
22) Acetophenone	7.61	105	54622	18.16	ng	# 92
24) Nitrobenzene	7.81	77	39513	17.69	ng	# 89
25) Isophorone	8.11	82	69910	16.70	ng	94
26) 2-Nitrophenol	8.20	139	16203	14.82	ng	# 77
27) 2,4-Dimethylphenol	8.28	122	34923	17.53	ng	99
28) bis(2-Chloroethoxy)methane	8.40	93	46348	18.24	ng	98
29) 2,4-Dichlorophenol	8.51	162	33321	17.55	ng	97
30) 1,2,4-Trichlorobenzene	8.60	180	35093	16.52	ng	98
31) Naphthalene	8.69	128	117092	16.78	ng	100
32) Benzoic acid	8.38	122	7192	9.15	ng	89
33) 4-Chloroaniline	8.77	127	43708	15.43	ng	# 91
34) Hexachlorobutadiene	8.85	225	19836	16.47	ng	98
35) Caprolactam	9.18	113	9434	17.00	ng	98
36) 4-Chloro-3-methylphenol	9.39	107	34271	17.94	ng	87
37) 2-Methylnaphthalene	9.55	142	78799	16.81	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	33448	16.68	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	10271	13.00	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	21512	15.49	ng	98
43) 2,4,5-Trichlorophenol	9.96	196	24376	16.25	ng	96
45) 1,1'-Biphenyl	10.13	154	96058	17.88	ng	97
46) 2-Chloronaphthalene	10.16	162	77520	17.75	ng	97
47) 2-Nitroaniline	10.29	65	19295	17.79	ng	96
48) Acenaphthylene	10.66	152	124903	17.20	ng	99
49) Dimethylphthalate	10.52	163	87878	17.63	ng	100
50) 2,6-Dinitrotoluene	10.60	165	18188	17.60	ng	# 85
51) Acenaphthene	10.88	154	69915	16.79	ng	97
52) 3-Nitroaniline	10.80	138	19112	15.93	ng	# 68
53) 2,4-Dinitrophenol	10.95	184	419	9.05	ng	# 79
54) Dibenzofuran	11.09	168	113362	18.36	ng	97
55) 4-Nitrophenol	11.04	139	10695	12.03	ng	# 73
56) 2,4-Dinitrotoluene	11.09	165	24569	18.23	ng	90
57) Fluorene	11.52	166	91131	17.78	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.25	232	18641	16.14	ng	# 100
59) Diethylphthalate	11.40	149	87596	18.03	ng	98
60) 4-Chlorophenyl-phenylether	11.53	204	42933	18.35	ng	95
61) 4-Nitroaniline	11.55	138	20960	17.52	ng	84
62) Azobenzene	11.72	77	82705	17.82	ng	95
64) 4,6-Dinitro-2-methylphenol	11.60	198	4843	11.07	ng	89
65) n-Nitrosodiphenylamine	11.68	169	78019	16.98	ng	99
66) 4-Bromophenyl-phenylether	12.13	248	24653	16.74	ng	96
67) Hexachlorobenzene	12.19	284	26739	16.53	ng	99
68) Atrazine	12.35	200	24108	18.73	ng	92
69) Pentachlorophenol	12.44	266	5658	9.50	ng	93
70) Phenanthrene	12.71	178	136863	17.28	ng	98
71) Anthracene	12.76	178	138528	17.70	ng	99
72) Carbazole	12.98	167	131815	17.71	ng	98
73) Di-n-butylphthalate	13.44	149	138637	16.61	ng	99
74) Fluoranthene	14.18	202	150687	17.25	ng	99
76) Benzidine	14.36	184	65986	17.47	ng	98
77) Pyrene	14.45	202	165894	17.55	ng	98
79) Butylbenzylphthalate	15.29	149	55309	14.84	ng	# 79
80) Benzo(a)anthracene	15.95	228	150477	16.88	ng	99
81) 3,3'-Dichlorobenzidine	15.94	252	44197	15.03	ng	98
82) Chrysene	16.00	228	146085	18.23	ng	99
83) Bis(2-ethylhexyl)phthalate	16.03	149	80046	14.18	ng	98
84) Di-n-octyl phthalate	16.85	149	128996	13.36	ng	99
85) Indeno(1,2,3-cd)pyrene	19.14	276	157167	15.71	ng	# 100
87) Benzo(b)fluoranthene	17.30	252	140228	15.33	ng	# 97
88) Benzo(k)fluoranthene	17.33	252	149648m	20.94	ng	
89) Benzo(a)pyrene	17.70	252	141154	18.49	ng	98
90) Dibenzo(a,h)anthracene	19.16	278	129753	17.13	ng	97
91) Benzo(g,h,i)perylene	19.54	276	133256	17.29	ng	97

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

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