

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105065.D
 Acq On : 3 May 2018 7:21
 Operator : JU/SJ
 Sample : PB108808BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108808BS

Quant Time: May 03 08:59:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	80346	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	324406	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	142080	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	234790	20.00	ng	0.00
75) Chrysene-d12	14.03	240	181856	20.00	ng	0.00
86) Perylene-d12	15.59	264	149797	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	503235	95.77	ng	0.00
7) Phenol-d6	6.43	99	600790	93.06	ng	0.00
23) Nitrobenzene-d5	7.36	82	515750	103.81	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	148295	100.62	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	985499	109.58	ng	0.00
78) Terphenyl-d14	12.92	244	851126	106.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	74058	30.247	ng	# 87
3) Pyridine	3.23	79	226170	32.855	ng	# 85
4) n-Nitrosodimethylamine	3.20	42	88905	36.946	ng	# 72
6) Aniline	6.46	93	292786	32.641	ng	100
8) 2-Chlorophenol	6.57	128	269434	48.581	ng	94
9) Benzaldehyde	6.34	77	163385	58.705	ng	98
10) Phenol	6.45	94	324801	47.414	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	231696	42.384	ng	92
12) 1,3-Dichlorobenzene	6.73	146	266966	42.490	ng	97
13) 1,4-Dichlorobenzene	6.80	146	271722	43.384	ng	99
14) 1,2-Dichlorobenzene	6.96	146	256149	44.133	ng	99
15) Benzyl Alcohol	6.94	79	204501	41.704	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	262287	35.727	ng	57
17) 2-Methylphenol	7.05	107	218649	45.354	ng	95
18) Hexachloroethane	7.29	117	86162	38.584	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	164088	38.894	ng	93
20) 3+4-Methylphenols	7.21	107	274587	45.924	ng	# 80
22) Acetophenone	7.20	105	347349	43.491	ng	# 99
24) Nitrobenzene	7.38	77	256003	46.673	ng	94
25) Isophorone	7.62	82	469785	44.717	ng	98
26) 2-Nitrophenol	7.69	139	140122	62.751	ng	93
27) 2,4-Dimethylphenol	7.73	122	237244	51.169	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	308843	48.082	ng	98
29) 2,4-Dichlorophenol	7.94	162	225911	51.066	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	221773	45.679	ng	99
31) Naphthalene	8.10	128	739048	45.751	ng	99
32) Benzoic acid	7.87	122	121860	32.940	ng	97
33) 4-Chloroaniline	8.15	127	157405	22.745	ng	96
34) Hexachlorobutadiene	8.20	225	122485	46.059	ng	98
35) Caprolactam	8.53	113	73750	47.788	ng	# 69
36) 4-Chloro-3-methylphenol	8.65	107	240714	50.745	ng	95
37) 2-Methylnaphthalene	8.79	142	496370	47.504	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	216693	53.279	ng	98
40) Hexachlorocyclopentadiene	8.93	237	29318	12.876	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	147674	52.304	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	156649	49.581	ng	97
45) 1,1'-Biphenyl	9.25	154	596187	49.950	ng	99
46) 2-Chloronaphthalene	9.28	162	459016	48.688	ng	98
47) 2-Nitroaniline	9.39	65	133777	57.379	ng	# 82
48) Acenaphthylene	9.69	152	679988	45.971	ng	100
49) Dimethylphthalate	9.55	163	560790	50.052	ng	100
50) 2,6-Dinitrotoluene	9.63	165	122623	59.147	ng	# 80
51) Acenaphthene	9.86	154	394341	43.694	ng	99
52) 3-Nitroaniline	9.79	138	74456	30.677	ng	97
53) 2,4-Dinitrophenol	9.91	184	44268	59.245	ng	# 23
54) Dibenzofuran	10.04	168	595880	47.378	ng	99
55) 4-Nitrophenol	9.97	139	150672	79.028	ng	91
56) 2,4-Dinitrotoluene	10.03	165	144622	53.181	ng	93
57) Fluorene	10.38	166	474787	51.863	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	114815	48.711	ng	94
59) Diethylphthalate	10.25	149	533905	47.847	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	229836	56.374	ng	99
61) 4-Nitroaniline	10.42	138	109959	46.335	ng	89
62) Azobenzene	10.53	77	462529	43.386	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	38218	35.654	ng	79
65) n-Nitrosodiphenylamine	10.49	169	430301	52.858	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	135379	54.208	ng	# 90
67) Hexachlorobenzene	10.93	284	142125	50.576	ng	# 88
68) Atrazine	11.02	200	137348	55.895	ng	100
69) Pentachlorophenol	11.13	266	115867	66.648	ng	97
70) Phenanthrene	11.35	178	646542	49.448	ng	99
71) Anthracene	11.40	178	664213	49.974	ng	99
72) Carbazole	11.56	167	598746	46.101	ng	99
73) Di-n-butylphthalate	11.88	149	800434	50.452	ng	98
74) Fluoranthene	12.54	202	629475	46.078	ng	98
76) Benzidine	12.67	184	486648	Below	Cal	98
77) Pyrene	12.77	202	630067	46.742	ng	100
79) Butylbenzylphthalate	13.40	149	306670	48.290	ng	98
80) Benzo(a)anthracene	14.02	228	576454	53.060	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	210687	52.011	ng	97
82) Chrysene	14.06	228	555613	49.789	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	427597	52.348	ng	100
84) Di-n-octyl phthalate	14.68	149	721293	52.847	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.08	276	423938	44.721	ng	95
87) Benzo(b)fluoranthene	15.16	252	509332	53.835	ng	99
88) Benzo(k)fluoranthene	15.19	252	479070	53.636	ng	97
89) Benzo(a)pyrene	15.53	252	450770	53.250	ng	99
90) Dibenzo(a,h)anthracene	17.09	278	361682	52.022	ng	97
91) Benzo(g,h,i)perylene	17.53	276	339860	50.456	ng	95

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

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