

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091964.D
 Acq On : 27 Dec 2016 13:37
 Operator : UM/SJ
 Sample : PB95595BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Quant Time: Dec 28 00:28:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	290393	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1164146	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	716633	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	1131415	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	800524	20.00	ng	-0.01
86) Perylene-d12	15.29	264	814991	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2144337	123.30	ng	0.02
7) Phenol-d6	6.42	99	2964217	139.60	ng	0.01
23) Nitrobenzene-d5	7.31	82	2150511	102.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	727047	122.59	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	3073475	88.39	ng	-0.01
78) Terphenyl-d14	12.84	244	2843687	86.15	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.34	88	330697	38.62	ng	97
3) Pyridine	3.01	79	963546	32.24	ng	97
4) n-Nitrosodimethylamine	2.98	42	447363	39.69	ng	98
6) Aniline	6.40	93	614517	22.28	ng	# 48
8) 2-Chlorophenol	6.53	128	941277	47.58	ng	92
9) Benzaldehyde	6.27	77	141868	9.02	ng	94
10) Phenol	6.43	94	1300087	53.73	ng	# 68
11) bis(2-Chloroethyl)ether	6.48	93	957585	49.74	ng	98
12) 1,3-Dichlorobenzene	6.67	146	940684	44.54	ng	# 94
13) 1,4-Dichlorobenzene	6.75	146	995548	46.31	ng	95
14) 1,2-Dichlorobenzene	6.90	146	754155	40.43	ng	96
15) Benzyl Alcohol	6.90	79	672222	40.74	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1344012	46.88	ng	# 25
17) 2-Methylphenol	7.02	107	808913	50.84	ng	# 88
18) Hexachloroethane	7.24	117	375155	47.08	ng	94
19) n-Nitroso-di-n-propylamine	7.16	70	677282	47.95	ng	98
20) 3+4-Methylphenols	7.18	107	1128899	59.49	ng	# 72
22) Acetophenone	7.15	105	1407624	49.02	ng	# 92
24) Nitrobenzene	7.32	77	967819	43.40	ng	96
25) Isophorone	7.56	82	1843168	47.72	ng	95
26) 2-Nitrophenol	7.64	139	558157	50.76	ng	92
27) 2,4-Dimethylphenol	7.70	122	780466	42.79	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	1122738	47.93	ng	100
29) 2,4-Dichlorophenol	7.90	162	741174	47.99	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	761591	45.00	ng	# 96
31) Naphthalene	8.04	128	2447065	45.93	ng	100
32) Benzoic acid	7.86	122	592537	43.80	ng	99
33) 4-Chloroaniline	8.10	127	230220	9.58	ng	99
34) Hexachlorobutadiene	8.17	225	420679	47.09	ng	98
35) Caprolactam	8.49	113	267499m	52.71	ng	
36) 4-Chloro-3-methylphenol	8.61	107	744862	41.91	ng	99
37) 2-Methylnaphthalene	8.74	142	1765976	65.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	678200	37.46	ng	99
40) Hexachlorocyclopentadiene	8.89	237	614197	76.36	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	475656	37.56	nq	95
43) 2,4,5-Trichlorophenol	9.08	196	498297	38.24	nq #	86
45) 1,1'-Biphenyl	9.20	154	2089218	42.58	nq	96
46) 2-Chloronaphthalene	9.22	162	1563500	40.24	nq	94
47) 2-Nitroaniline	9.33	65	640829	46.32	nq #	83
48) Acenaphthylene	9.64	152	2686015	44.95	nq	99
49) Dimethylphthalate	9.52	163	2123973	46.34	nq	99
50) 2,6-Dinitrotoluene	9.57	165	456384	45.49	nq #	84
51) Acenaphthene	9.81	154	1726249	42.61	nq	99
52) 3-Nitroaniline	9.74	138	235081	18.94	nq #	76
53) 2,4-Dinitrophenol	9.86	184	482982	86.52	nq	94
54) Dibenzofuran	9.98	168	2314875	42.31	nq	98
55) 4-Nitrophenol	9.95	139	837812	99.39	nq #	67
56) 2,4-Dinitrotoluene	9.97	165	495192	39.33	nq #	82
57) Fluorene	10.33	166	1808508	45.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	477604	46.34	nq	99
59) Diethylphthalate	10.21	149	2014141	45.25	nq	96
60) 4-Chlorophenyl-phenylether	10.32	204	718573	41.22	nq	94
61) 4-Nitroaniline	10.36	138	464906	36.14	nq	95
62) Azobenzene	10.48	77	2167194	44.22	nq	97
64) 4,6-Dinitro-2-methylphenol	10.38	198	306515	44.80	nq #	52
65) n-Nitrosodiphenylamine	10.44	169	1489191	44.36	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	556228	47.26	nq #	89
67) Hexachlorobenzene	10.88	284	573778	45.61	nq #	86
68) Atrazine	10.98	200	548046	50.61	nq	97
69) Pentachlorophenol	11.07	266	544418	88.20	nq	98
70) Phenanthrene	11.29	178	2699107m	44.00	nq	
71) Anthracene	11.33	178	2454866m	45.19	nq	
72) Carbazole	11.49	167	2212401	42.89	nq	100
73) Di-n-butylphthalate	11.82	149	2652091	45.68	nq	100
74) Fluoranthene	12.46	202	2418568	44.93	nq	100
76) Benzidine	12.59	184	691385	31.49	nq	97
77) Pyrene	12.69	202	2452683	41.76	nq	99
79) Butylbenzylphthalate	13.32	149	1229561	46.03	nq	97
80) Benzo(a)anthracene	13.88	228	2061712	45.63	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	422035	24.63	nq	98
82) Chrysene	13.93	228	2170512	47.89	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1354048	43.04	nq	98
84) Di-n-octyl phthalate	14.50	149	2938158	50.42	nq	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	2030081	51.70	nq	98
87) Benzo(b)fluoranthene	14.90	252	2195294m	43.26	nq	
88) Benzo(k)fluoranthene	14.93	252	2135132m	49.35	nq	
89) Benzo(a)pyrene	15.24	252	2068793	45.94	nq #	95
90) Dibenzo(a,h)anthracene	16.65	278	1660022	44.85	nq	98
91) Benzo(g,h,i)perylene	17.04	276	1744318	45.32	nq	97

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

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