

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101748.D
 Acq On : 27 Dec 2017 7:49
 Operator : SJ/JU
 Sample : PB105328BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105328BS

Quant Time: Dec 27 08:20:43 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143492	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	539526	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	214902	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	329766	20.00	ng	0.00
75) Chrysene-d12	13.97	240	275952	20.00	ng	0.00
86) Perylene-d12	15.44	264	254432	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	920095	95.51	ng	0.02
7) Phenol-d6	6.44	99	1011929	84.41	ng	0.00
23) Nitrobenzene-d5	7.36	82	909848	93.87	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	178774	86.33	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1433128	103.45	ng	0.00
78) Terphenyl-d14	12.90	244	1031860	90.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	189358	38.256	ng	95
3) Pyridine	3.36	79	447722	32.556	ng	95
4) n-Nitrosodimethylamine	3.33	42	233849	36.931	ng	97
6) Aniline	6.46	93	268966	16.144	ng	# 73
8) 2-Chlorophenol	6.58	128	412204	40.678	ng	98
9) Benzaldehyde	6.35	77	179414	20.264	ng	98
10) Phenol	6.45	94	508466	37.211	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	415655	38.780	ng	94
12) 1,3-Dichlorobenzene	6.73	146	462476	40.438	ng	99
13) 1,4-Dichlorobenzene	6.80	146	478592	40.979	ng	99
14) 1,2-Dichlorobenzene	6.96	146	415090	39.485	ng	99
15) Benzyl Alcohol	6.95	79	298485	36.172	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	683863	41.689	ng	# 40
17) 2-Methylphenol	7.06	107	329842	35.386	ng	# 88
18) Hexachloroethane	7.29	117	146510	36.082	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	290256	36.866	ng	96
20) 3+4-Methylphenols	7.22	107	445805	45.133	ng	96
22) Acetophenone	7.20	105	564559	45.859	ng	# 96
24) Nitrobenzene	7.38	77	444419	41.430	ng	96
25) Isophorone	7.62	82	812281	41.777	ng	98
26) 2-Nitrophenol	7.70	139	201626	43.751	ng	96
27) 2,4-Dimethylphenol	7.73	122	355261	45.377	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	516390	41.810	ng	98
29) 2,4-Dichlorophenol	7.95	162	338209	43.725	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	339458	41.587	ng	97
31) Naphthalene	8.09	128	1114017	41.014	ng	99
32) Benzoic acid	7.90	122	183913	37.042	ng	98
33) 4-Chloroaniline	8.16	127	143474	12.153	ng	97
34) Hexachlorobutadiene	8.20	225	201537	42.689	ng	99
35) Caprolactam	8.54	113	111180	41.396	ng	# 88
36) 4-Chloro-3-methylphenol	8.65	107	334726	39.373	ng	100
37) 2-Methylnaphthalene	8.79	142	707917	40.004	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	341681	47.092	ng	97
40) Hexachlorocyclopentadiene	8.93	237	5706	16.564	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	197935	45.314	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	176604	36.925	ng	95
45) 1,1'-Biphenyl	9.25	154	860494	45.150	ng	98
46) 2-Chloronaphthalene	9.28	162	629321	43.155	ng	96
47) 2-Nitroaniline	9.39	65	212205	42.124	ng	90
48) Acenaphthylene	9.69	152	876882	38.070	ng	100
49) Dimethylphthalate	9.55	163	717296	41.496	ng	99
50) 2,6-Dinitrotoluene	9.63	165	144326	41.081	ng #	90
51) Acenaphthene	9.86	154	536990	38.805	ng	100
52) 3-Nitroaniline	9.80	138	109157	24.921	ng	98
53) 2,4-Dinitrophenol	9.99	184	16144	21.812	ng #	1
54) Dibenzofuran	10.03	168	770474	43.812	ng	95
55) 4-Nitrophenol	9.99	139	88985	46.591	ng	94
56) 2,4-Dinitrotoluene	10.05	165	173805	43.909	ng #	97
57) Fluorene	10.38	166	592345	39.816	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	140105	40.773	ng #	87
59) Diethylphthalate	10.24	149	701449	40.977	ng	97
60) 4-Chlorophenyl-phenylether	10.36	204	301585	42.298	ng	93
61) 4-Nitroaniline	10.42	138	136125	30.918	ng	94
62) Azobenzene	10.53	77	651799	36.757	ng	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	10685	6.349	ng #	1
65) n-Nitrosodiphenylamine	10.49	169	553552	45.461	ng	96
66) 4-Bromophenyl-phenylether	10.86	248	177763	47.975	ng #	84
67) Hexachlorobenzene	10.93	284	171921	43.839	ng #	86
68) Atrazine	11.02	200	167055	46.012	ng	99
69) Pentachlorophenol	11.14	266	105818	70.257	ng	98
70) Phenanthrene	11.34	178	772952	42.148	ng	99
71) Anthracene	11.40	178	790745	42.212	ng	100
72) Carbazole	11.56	167	711989	40.596	ng	99
73) Di-n-butylphthalate	11.87	149	954922	44.859	ng	98
74) Fluoranthene	12.54	202	780749	40.560	ng	97
76) Benzidine	12.66	184	469098	40.249	ng	98
77) Pyrene	12.77	202	801218	38.687	ng	99
79) Butylbenzylphthalate	13.37	149	366687	39.131	ng	96
80) Benzo(a)anthracene	13.96	228	737247	40.460	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	243719	41.020	ng	98
82) Chrysene	14.00	228	719361	41.812	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	473110	39.860	ng	98
84) Di-n-octyl phthalate	14.53	149	912145	43.091	ng	99
85) Indeno(1,2,3-cd)pyrene	16.92	276	559184	36.499	ng	97
87) Benzo(b)fluoranthene	15.01	252	701039	45.204	ng	98
88) Benzo(k)fluoranthene	15.04	252	626198	41.530	ng	99
89) Benzo(a)pyrene	15.38	252	618183	43.241	ng	100
90) Dibenzo(a,h)anthracene	16.92	278	477242	38.880	ng	97
91) Benzo(g,h,i)perylene	17.37	276	466905	38.414	ng	96

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

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