

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103925.D
 Acq On : 26 Mar 2018 14:50
 Operator : JU/SJ
 Sample : PB107589BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

Quant Time: Mar 27 07:21:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141170	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	577278	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	281572	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	514974	20.00	ng	0.00
75) Chrysene-d12	14.17	240	411407	20.00	ng	0.00
86) Perylene-d12	15.72	264	359651	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	967808	104.27	ng	0.02
7) Phenol-d6	6.60	99	1214726	106.98	ng	0.00
23) Nitrobenzene-d5	7.54	82	745567	90.07	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	330921	136.69	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1372023	77.73	ng	0.00
78) Terphenyl-d14	13.10	244	1403620	79.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	143859	31.478	ng	# 88
3) Pyridine	3.68	79	407085	32.384	ng	# 87
4) n-Nitrosodimethylamine	3.65	42	147407	31.804	ng	# 73
6) Aniline	6.64	93	198288	12.229	ng	97
8) 2-Chlorophenol	6.76	128	388030	39.909	ng	94
9) Benzaldehyde	6.53	77	100929	13.529	ng	94
10) Phenol	6.62	94	458382	37.989	ng	95
11) bis(2-Chloroethyl)ether	6.71	93	354866	35.626	ng	94
12) 1,3-Dichlorobenzene	6.92	146	396336	35.791	ng	99
13) 1,4-Dichlorobenzene	6.99	146	403415	36.253	ng	99
14) 1,2-Dichlorobenzene	7.15	146	376356	36.448	ng	99
15) Benzyl Alcohol	7.11	79	325928	37.045	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	460909	32.533	ng	93
17) 2-Methylphenol	7.22	107	323339	37.344	ng	98
18) Hexachloroethane	7.49	117	146602	37.454	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	250216	34.384	ng	94
20) 3+4-Methylphenols	7.37	107	396833	36.115	ng	92
22) Acetophenone	7.38	105	501165	33.779	ng	# 95
24) Nitrobenzene	7.56	77	386286	39.747	ng	97
25) Isophorone	7.79	82	719334	37.537	ng	99
26) 2-Nitrophenol	7.87	139	210880	55.255	ng	96
27) 2,4-Dimethylphenol	7.90	122	361455	44.029	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	464820	40.057	ng	100
29) 2,4-Dichlorophenol	8.11	162	323784	43.351	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	329019	37.981	ng	97
31) Naphthalene	8.28	128	1096542	37.603	ng	99
32) Benzoic acid	8.02	122	220580	40.127	ng	95
33) 4-Chloroaniline	8.32	127	64637	5.283	ng	95
34) Hexachlorobutadiene	8.39	225	174657	36.773	ng	100
35) Caprolactam	8.70	113	81337	31.626	ng	# 78
36) 4-Chloro-3-methylphenol	8.80	107	352316	42.789	ng	98
37) 2-Methylnaphthalene	8.97	142	734766	39.733	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	309477	38.526	ng	99
40) Hexachlorocyclopentadiene	9.12	237	312892	75.486	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	226369	44.057	nq	98
43) 2,4,5-Trichlorophenol	9.29	196	236878	40.846	nq	96
45) 1,1'-Biphenyl	9.43	154	862341	36.728	nq	99
46) 2-Chloronaphthalene	9.46	162	692504	37.135	nq	99
47) 2-Nitroaniline	9.56	65	207667	43.340	nq	98
48) Acenaphthylene	9.88	152	1060354	36.668	nq	100
49) Dimethylphthalate	9.73	163	824748	38.392	nq	99
50) 2,6-Dinitrotoluene	9.80	165	185658	44.952	nq	95
51) Acenaphthene	10.05	154	628088	36.579	nq	100
52) 3-Nitroaniline	9.96	138	56480	14.253	nq	100
53) 2,4-Dinitrophenol	10.08	184	183320	110.376	nq #	21
54) Dibenzofuran	10.23	168	935726	38.157	nq	100
55) 4-Nitrophenol	10.13	139	313995	79.845	nq	91
56) 2,4-Dinitrotoluene	10.21	165	251394	47.782	nq #	85
57) Fluorene	10.57	166	745855	39.195	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	191298	46.553	nq	93
59) Diethylphthalate	10.43	149	790582	37.078	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	345499	39.727	nq	95
61) 4-Nitroaniline	10.59	138	194124	41.084	nq	91
62) Azobenzene	10.72	77	739151	34.098	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	119174	57.475	nq	86
65) n-Nitrosodiphenylamine	10.68	169	659452	37.621	nq	100
66) 4-Bromophenyl-phenylether	11.05	248	213341	40.349	nq #	87
67) Hexachlorobenzene	11.12	284	235283	38.988	nq #	85
68) Atrazine	11.20	200	214859	39.624	nq	97
69) Pentachlorophenol	11.32	266	243474	70.176	nq	97
70) Phenanthrene	11.54	178	1065300	37.816	nq	99
71) Anthracene	11.59	178	1095456	38.287	nq	99
72) Carbazole	11.74	167	1026946	36.929	nq	99
73) Di-n-butylphthalate	12.06	149	1238845	37.127	nq	100
74) Fluoranthene	12.73	202	1123189	38.702	nq	97
76) Benzidine	12.84	184	306059	17.443	nq	98
77) Pyrene	12.96	202	1127076	37.304	nq	100
79) Butylbenzylphthalate	13.57	149	543600	40.609	nq	94
80) Benzo(a)anthracene	14.16	228	1006305	38.642	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	136601	15.682	nq	99
82) Chrysene	14.20	228	934279	37.635	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	748754	39.154	nq	100
84) Di-n-octyl phthalate	14.76	149	1255057	45.112	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.31	276	855208	39.448	nq	97
87) Benzo(b)fluoranthene	15.26	252	935176	41.158	nq	97
88) Benzo(k)fluoranthene	15.29	252	805927	36.898	nq	98
89) Benzo(a)pyrene	15.65	252	812971	39.447	nq	97
90) Dibenzo(a,h)anthracene	17.33	278	706998	39.618	nq	97
91) Benzo(g,h,i)perylene	17.79	276	717289	41.317	nq	97

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

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