

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109874.D
 Acq On : 13 Oct 2018 10:04
 Operator : JU/SJ
 Sample : PB113650BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BS

Quant Time: Oct 15 01:21:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	103608	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	395723	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	167756	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	256118	20.00	ng	0.00
75) Chrysene-d12	13.83	240	181958	20.00	ng	0.00
86) Perylene-d12	15.23	264	148629	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	482134	82.60	ng	0.00
7) Phenol-d6	6.35	99	626628	80.36	ng	0.00
23) Nitrobenzene-d5	7.26	82	615093	85.68	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	127467	69.73	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1057714	86.84	ng	0.00
78) Terphenyl-d14	12.78	244	711838	75.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	92251	30.114	ng	96
3) Pyridine	3.19	79	217620	34.433	ng	99
4) n-Nitrosodimethylamine	3.13	42	100825	44.198	ng	94
6) Aniline	6.36	93	151884	16.721	ng	# 1
8) 2-Chlorophenol	6.49	128	296572	41.313	ng	99
9) Benzaldehyde	6.24	77	134298	26.765	ng	99
10) Phenol	6.36	94	333639	37.314	ng	# 75
11) bis(2-Chloroethyl)ether	6.43	93	246119	33.202	ng	99
12) 1,3-Dichlorobenzene	6.63	146	310892	37.865	ng	97
13) 1,4-Dichlorobenzene	6.71	146	338685	37.842	ng	98
14) 1,2-Dichlorobenzene	6.86	146	292930	37.268	ng	99
15) Benzyl Alcohol	6.85	79	230305	39.840	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	371345	37.780	ng	99
17) 2-Methylphenol	6.97	107	225158	39.663	ng	97
18) Hexachloroethane	7.20	117	114571	36.216	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	210328	38.464	ng	100
20) 3+4-Methylphenols	7.12	107	283434	40.519	ng	94
22) Acetophenone	7.11	105	424250	44.334	ng	100
24) Nitrobenzene	7.28	77	302738	40.527	ng	99
25) Isophorone	7.52	82	563767	47.292	ng	98
26) 2-Nitrophenol	7.60	139	144812	41.445	ng	95
27) 2,4-Dimethylphenol	7.65	122	240348	47.635	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	356015	44.152	ng	99
29) 2,4-Dichlorophenol	7.85	162	233919	41.332	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	253760	40.503	ng	99
31) Naphthalene	8.00	128	830355	45.372	ng	99
32) Benzoic acid	7.79	122	133859	37.106	ng	96
33) 4-Chloroaniline	8.06	127	57092	7.084	ng	97
34) Hexachlorobutadiene	8.12	225	156634	40.210	ng	100
35) Caprolactam	8.43	113	69403	41.062	ng	99
36) 4-Chloro-3-methylphenol	8.55	107	241054	40.350	ng	99
37) 2-Methylnaphthalene	8.69	142	520317	43.404	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	247220	43.293	ng	99
40) Hexachlorocyclopentadiene	8.84	237	66245	31.311	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	143292	41.976	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	162013	41.277	ng	97
45) 1,1'-Biphenyl	9.15	154	628518	41.939	ng	100
46) 2-Chloronaphthalene	9.17	162	478279	42.598	ng	100
47) 2-Nitroaniline	9.27	65	145515	42.803	ng	95
48) Acenaphthylene	9.59	152	716376	43.765	ng	99
49) Dimethylphthalate	9.46	163	563605	45.809	ng	100
50) 2,6-Dinitrotoluene	9.52	165	113379	42.513	ng	93
51) Acenaphthene	9.76	154	393782	40.582	ng	100
52) 3-Nitroaniline	9.69	138	54389	18.193	ng	97
53) 2,4-Dinitrophenol	9.80	184	24570	28.555	ng	# 66
54) Dibenzofuran	9.93	168	593740	40.821	ng	99
55) 4-Nitrophenol	9.87	139	103634	63.331	ng	89
56) 2,4-Dinitrotoluene	9.92	165	133539	40.123	ng	91
57) Fluorene	10.27	166	458108	42.176	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	130938	41.039	ng	95
59) Diethylphthalate	10.15	149	538674	44.189	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	229502	40.050	ng	99
61) 4-Nitroaniline	10.30	138	85694	30.952	ng	99
62) Azobenzene	10.42	77	501499	40.512	ng	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	24612	19.744	ng	82
65) n-Nitrosodiphenylamine	10.39	169	422852	48.702	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	133468	45.354	ng	96
67) Hexachlorobenzene	10.82	284	131038	41.121	ng	99
68) Atrazine	10.91	200	134794	49.746	ng	98
69) Pentachlorophenol	11.02	266	106832	59.578	ng	99
70) Phenanthrene	11.23	178	555002	43.302	ng	99
71) Anthracene	11.28	178	611919	46.185	ng	99
72) Carbazole	11.44	167	518574	40.355	ng	99
73) Di-n-butylphthalate	11.76	149	702754	47.151	ng	99
74) Fluoranthene	12.41	202	539976	40.327	ng	98
76) Benzidine	12.54	184	247203	36.572	ng	98
77) Pyrene	12.63	202	521413	39.112	ng	99
79) Butylbenzylphthalate	13.25	149	241033	41.702	ng	98
80) Benzo(a)anthracene	13.82	228	448657	44.682	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	159389	39.422	ng	98
82) Chrysene	13.86	228	473634	44.907	ng	100
83) Bis(2-ethylhexyl)phthalate	13.81	149	324004	45.947	ng	98
84) Di-n-octyl phthalate	14.42	149	571773	51.298	ng	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	320380	42.439	ng	100
87) Benzo(b)fluoranthene	14.83	252	348704	42.455	ng	98
88) Benzo(k)fluoranthene	14.86	252	439240	53.225	ng	100
89) Benzo(a)pyrene	15.17	252	347581	46.633	ng	97
90) Dibenzo(a,h)anthracene	16.59	278	268430	43.851	ng	99
91) Benzo(g,h,i)perylene	16.98	276	257912	42.192	ng	99

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

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