

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143027.D
 Acq On : 08 Jul 2025 11:54
 Operator : RC/JU
 Sample : PB168716BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168716BS

Quant Time: Jul 08 12:19:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58507	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	224473	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	117882	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	196389	20.000	ng	0.00
76) Chrysene-d12	14.063	240	99574	20.000	ng	0.00
86) Perylene-d12	15.557	264	114876	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	449592	127.940	ng	0.01
7) Phenol-d6	6.516	99	538555	129.899	ng	0.00
23) Nitrobenzene-d5	7.439	82	335535	81.989	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	167248	137.870	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	738017	82.244	ng	0.00
79) Terphenyl-d14	12.998	244	631084	87.570	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	49703	35.362	ng	99
3) Pyridine	3.481	79	139256	39.520	ng	97
4) n-Nitrosodimethylamine	3.434	42	78804	43.248	ng	97
6) Aniline	6.539	93	186649	33.834	ng	# 80
8) 2-Chlorophenol	6.663	128	172485	45.502	ng	98
9) Benzaldehyde	6.428	77	65208	26.511	ng	98
10) Phenol	6.528	94	201070	43.630	ng	79
11) bis(2-Chloroethyl)ether	6.610	93	150682	45.747	ng	97
12) 1,3-Dichlorobenzene	6.816	146	189258	44.642	ng	99
13) 1,4-Dichlorobenzene	6.892	146	192803	45.076	ng	99
14) 1,2-Dichlorobenzene	7.045	146	182783	45.054	ng	100
15) Benzyl Alcohol	7.022	79	140107	46.745	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	220882	41.739	ng	69
17) 2-Methylphenol	7.134	107	132355	46.074	ng	97
18) Hexachloroethane	7.386	117	67694	45.248	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	111074	46.064	ng	99
20) 3+4-Methylphenols	7.287	107	170879	47.709	ng	96
22) Acetophenone	7.287	105	228983	46.259	ng	98
24) Nitrobenzene	7.463	77	167633	45.257	ng	97
25) Isophorone	7.698	82	301651	45.949	ng	100
26) 2-Nitrophenol	7.775	139	97023	48.085	ng	98
27) 2,4-Dimethylphenol	7.816	122	160072m	45.799	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	190115	45.551	ng	100
29) 2,4-Dichlorophenol	8.022	162	146741	46.304	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	156650	44.953	ng	100
31) Naphthalene	8.181	128	502748	45.756	ng	100
32) Benzoic acid	7.945	122	79001	44.348	ng	96
33) 4-Chloroaniline	8.233	127	133370	29.852	ng	98
34) Hexachlorobutadiene	8.292	225	96733	45.382	ng	100
35) Caprolactam	8.610	113	43590m	52.126	ng	
36) 4-Chloro-3-methylphenol	8.722	107	150432	47.763	ng	100
37) 2-Methylnaphthalene	8.875	142	311283	45.697	ng	100
38) 1-Methylnaphthalene	8.975	142	327419	46.432	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	161961	46.563	ng	99
41) Hexachlorocyclopentadiene	9.028	237	151208	76.605	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	103502	45.665	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	108629	45.529	ng	99
46) 1,1'-Biphenyl	9.339	154	437747	47.009	ng	100
47) 2-Chloronaphthalene	9.369	162	322065	46.088	ng	99
48) 2-Nitroaniline	9.463	65	92748	47.342	ng	96
49) Acenaphthylene	9.780	152	535374	46.539	ng	99
50) Dimethylphthalate	9.639	163	371441	48.678	ng	99
51) 2,6-Dinitrotoluene	9.710	165	80447	48.007	ng	96
52) Acenaphthene	9.957	154	364959m	51.998	ng	
53) 3-Nitroaniline	9.875	138	60810	32.959	ng	100
54) 2,4-Dinitrophenol	9.992	184	83921	100.016	ng	97
55) Dibenzofuran	10.127	168	467906	46.490	ng	100
56) 4-Nitrophenol	10.051	139	102931	81.491	ng	99
57) 2,4-Dinitrotoluene	10.116	165	108038	48.537	ng	92
58) Fluorene	10.469	166	376316	47.875	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	90547	47.081	ng	94
60) Diethylphthalate	10.339	149	367095	49.066	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	179485	47.852	ng	98
62) 4-Nitroaniline	10.492	138	79314	47.004	ng	99
63) Azobenzene	10.622	77	312072	46.670	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	57251	48.195	ng	97
66) n-Nitrosodiphenylamine	10.580	169	323529	47.533	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	110051	49.238	ng	97
68) Hexachlorobenzene	11.022	284	118285	47.627	ng	99
69) Atrazine	11.110	200	92438	52.593	ng	100
70) Pentachlorophenol	11.222	266	101472	81.994	ng	98
71) Phenanthrene	11.439	178	503153	47.296	ng	100
72) Anthracene	11.486	178	516037	47.297	ng	99
73) Carbazole	11.645	167	439384	46.666	ng	100
74) Di-n-butylphthalate	11.969	149	504874	51.473	ng	99
75) Fluoranthene	12.627	202	468974	46.450	ng	99
77) Benzidine	12.745	184	114984	30.735	ng	99
78) Pyrene	12.857	202	462608	49.564	ng	100
80) Butylbenzylphthalate	13.468	149	143577	53.032	ng	96
81) Benzo(a)anthracene	14.051	228	324635	48.328	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	55773	25.598	ng	98
83) Chrysene	14.086	228	280502	46.797	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	181490	46.592	ng	100
85) Di-n-octyl phthalate	14.639	149	327797	44.628	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	404380	46.215	ng	99
88) Benzo(b)fluoranthene	15.115	252	334813	50.369	ng	100
89) Benzo(k)fluoranthene	15.145	252	270562	43.506	ng	100
90) Benzo(a)pyrene	15.498	252	304589	47.431	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	325775	45.822	ng	99
92) Benzo(g,h,i)perylene	17.551	276	328768	46.375	ng	98

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

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