

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143489.D
 Acq On : 20 Aug 2025 17:13
 Operator : RC/JU
 Sample : PB169313BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169313BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025

Quant Time: Aug 21 06:24:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	134095	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	510372	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	281230	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	429898	20.000	ng	0.00
76) Chrysene-d12	14.098	240	234937	20.000	ng	0.00
86) Perylene-d12	15.598	264	275165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	906431	118.034	ng	0.01
7) Phenol-d6	6.569	99	1137459	119.987	ng	0.00
23) Nitrobenzene-d5	7.487	82	762747	87.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	331402	126.594	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1385209	81.403	ng	0.00
79) Terphenyl-d14	13.039	244	1227361	91.165	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	140225	39.417	ng	98
3) Pyridine	3.604	79	381000	40.210	ng	99
4) n-Nitrosodimethylamine	3.551	42	209463	49.176	ng	96
6) Aniline	6.592	93	385324	30.409	ng	# 89
8) 2-Chlorophenol	6.716	128	397932	46.915	ng	99
9) Benzaldehyde	6.475	77	204602	26.658	ng	98
10) Phenol	6.581	94	479009	43.862	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	376321	46.112	ng	100
12) 1,3-Dichlorobenzene	6.869	146	450136	47.232	ng	99
13) 1,4-Dichlorobenzene	6.945	146	449967	47.068	ng	99
14) 1,2-Dichlorobenzene	7.098	146	430820	47.598	ng	100
15) Benzyl Alcohol	7.069	79	349102	49.187	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	610573	46.765	ng	96
17) 2-Methylphenol	7.187	107	320988	47.151	ng	99
18) Hexachloroethane	7.439	117	152082	46.790	ng	98
19) n-Nitroso-di-n-propyla...	7.339	70	277063	47.817	ng	100
20) 3+4-Methylphenols	7.334	107	376455	46.323	ng	95
22) Acetophenone	7.334	105	517836	46.964	ng	99
24) Nitrobenzene	7.510	77	420860	46.754	ng	98
25) Isophorone	7.745	82	780874	48.706	ng	100
26) 2-Nitrophenol	7.822	139	215430	48.857	ng	98
27) 2,4-Dimethylphenol	7.863	122	339385	49.375	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	459281	46.615	ng	100
29) 2,4-Dichlorophenol	8.069	162	332236	45.257	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	362445	48.021	ng	100
31) Naphthalene	8.234	128	1098754	44.842	ng	100
32) Benzoic acid	7.992	122	184125	47.268	ng	97
33) 4-Chloroaniline	8.275	127	112061	12.885	ng	99
34) Hexachlorobutadiene	8.351	225	228735	46.451	ng	99
35) Caprolactam	8.645	113	91773m	52.098	ng	
36) 4-Chloro-3-methylphenol	8.769	107	339481	46.145	ng	99
37) 2-Methylnaphthalene	8.922	142	673616	41.162	ng	99
38) 1-Methylnaphthalene	9.022	142	687011	43.887	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	350599	43.584	ng	99
41) Hexachlorocyclopentadiene	9.081	237	396561	123.098	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	226186	45.696	ng	99

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44) 2,4,5-Trichlorophenol	9.245	196	237819	43.985	ng	99
46) 1,1'-Biphenyl	9.386	154	897223	44.948	ng	100
47) 2-Chloronaphthalene	9.410	162	694733	44.358	ng	99
48) 2-Nitroaniline	9.504	65	217580	47.469	ng	99
49) Acenaphthylene	9.828	152	1121586	50.014	ng	99
50) Dimethylphthalate	9.686	163	796613	47.032	ng	100
51) 2,6-Dinitrotoluene	9.745	165	179774	51.211	ng	98
52) Acenaphthene	10.004	154	751245	49.339	ng	100
53) 3-Nitroaniline	9.916	138	92083	24.276	ng	99
54) 2,4-Dinitrophenol	10.028	184	176260	92.970	ng	98
55) Dibenzofuran	10.175	168	975498	44.937	ng	99
56) 4-Nitrophenol	10.086	139	228057	101.045	ng	94
57) 2,4-Dinitrotoluene	10.151	165	245063	52.282	ng	97
58) Fluorene	10.516	166	765879	45.840	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	208751	51.968	ng	99
60) Diethylphthalate	10.386	149	735316	48.421	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	380418	45.528	ng	100
62) 4-Nitroaniline	10.533	138	168332	48.313	ng	99
63) Azobenzene	10.663	77	763587	48.494	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	129091	53.257	ng	96
66) n-Nitrosodiphenylamine	10.622	169	667663	48.259	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	239849	46.760	ng	98
68) Hexachlorobenzene	11.069	284	260280	47.075	ng	98
69) Atrazine	11.151	200	187729	52.566	ng	99
70) Pentachlorophenol	11.269	266	256427	101.265	ng	99
71) Phenanthrene	11.480	178	1077665	46.811	ng	100
72) Anthracene	11.533	178	1098131	47.086	ng	100
73) Carbazole	11.686	167	913776	47.817	ng	99
74) Di-n-butylphthalate	12.010	149	915491	51.353	ng	99
75) Fluoranthene	12.669	202	968757	46.897	ng	99
77) Benzidine	12.786	184	203411	35.544	ng	99
78) Pyrene	12.898	202	940507	48.667	ng	100
80) Butylbenzylphthalate	13.510	149	283983	53.791	ng	99
81) Benzo(a)anthracene	14.086	228	709995	46.940	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	88838	20.509	ng	99
83) Chrysene	14.127	228	670537	49.330	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	407661	50.699	ng	100
85) Di-n-octyl phthalate	14.680	149	764827	51.345	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	936751	47.375	ng	100
88) Benzo(b)fluoranthene	15.157	252	718254	46.959	ng	100
89) Benzo(k)fluoranthene	15.186	252	719311	49.118	ng	100
90) Benzo(a)pyrene	15.533	252	721420	50.813	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	766358	48.393	ng	99
92) Benzo(g,h,i)perylene	17.592	276	771124	48.971	ng	99

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

