

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143469.D
 Acq On : 19 Aug 2025 22:19
 Operator : RC/JU
 Sample : PB169312BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169312BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025

Quant Time: Aug 20 01:14:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	142798	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	549930	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	318238	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	513401	20.000	ng	0.00
76) Chrysene-d12	14.092	240	259952	20.000	ng	0.00
86) Perylene-d12	15.580	264	316754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	991702	120.723	ng	0.02
7) Phenol-d6	6.569	99	1244213	120.186	ng	0.01
23) Nitrobenzene-d5	7.486	82	830903	89.657	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	399027	140.872	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1558529	82.373	ng	0.00
79) Terphenyl-d14	13.033	244	1501339	97.019	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	139064	35.169	ng	98
3) Pyridine	3.610	79	379764	36.619	ng	99
4) n-Nitrosodimethylamine	3.546	42	205217	42.573	ng	99
6) Aniline	6.592	93	482729	34.348	ng	# 74
8) 2-Chlorophenol	6.722	128	391482	43.166	ng	97
9) Benzaldehyde	6.481	77	201083	36.512	ng	96
10) Phenol	6.581	94	487633	40.365	ng	86
11) bis(2-Chloroethyl)ether	6.657	93	372567	41.606	ng	98
12) 1,3-Dichlorobenzene	6.869	146	431312	42.455	ng	100
13) 1,4-Dichlorobenzene	6.945	146	433909	42.781	ng	100
14) 1,2-Dichlorobenzene	7.098	146	420591	43.416	ng	99
15) Benzyl Alcohol	7.069	79	353284	46.275	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	601829	39.313	ng	85
17) 2-Methylphenol	7.186	107	322381	43.568	ng	96
18) Hexachloroethane	7.439	117	145547	42.159	ng	99
19) n-Nitroso-di-n-propyla...	7.339	70	273956	42.745	ng	97
20) 3+4-Methylphenols	7.334	107	384072	43.419	ng	99
22) Acetophenone	7.334	105	517687	43.783	ng	99
24) Nitrobenzene	7.510	77	418146	43.170	ng	97
25) Isophorone	7.745	82	775117	43.699	ng	99
26) 2-Nitrophenol	7.822	139	217221	48.376	ng	99
27) 2,4-Dimethylphenol	7.863	122	351934	46.356	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	468027	42.929	ng	99
29) 2,4-Dichlorophenol	8.069	162	345078	44.588	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	360115	45.413	ng	100
31) Naphthalene	8.233	128	1101600	42.194	ng	100
32) Benzoic acid	7.992	122	200990	50.904	ng	97
33) 4-Chloroaniline	8.275	127	282053	29.929	ng	100
34) Hexachlorobutadiene	8.351	225	218766	43.263	ng	98
35) Caprolactam	8.645	113	107744m	48.355	ng	
36) 4-Chloro-3-methylphenol	8.763	107	356658	44.746	ng	99
37) 2-Methylnaphthalene	8.922	142	687317	39.056	ng	99
38) 1-Methylnaphthalene	9.022	142	709532	42.081	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	361646	40.748	ng	99
41) Hexachlorocyclopentadiene	9.080	237	380308	114.404	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	246329	44.493	ng	98

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44) 2,4,5-Trichlorophenol	9.245	196	258110	43.492	ng	98
46) 1,1'-Biphenyl	9.386	154	938289	41.963	ng	99
47) 2-Chloronaphthalene	9.410	162	727727	41.231	ng	100
48) 2-Nitroaniline	9.504	65	235352	44.808	ng	95
49) Acenaphthylene	9.828	152	1176746	46.177	ng	99
50) Dimethylphthalate	9.680	163	887130	44.713	ng	100
51) 2,6-Dinitrotoluene	9.745	165	195288	49.930	ng	94
52) Acenaphthene	9.998	154	785293	45.817	ng	100
53) 3-Nitroaniline	9.916	138	147618	33.882	ng	98
54) 2,4-Dinitrophenol	10.027	184	187731	101.567	ng	97
55) Dibenzofuran	10.169	168	1025284	41.467	ng	98
56) 4-Nitrophenol	10.086	139	254807	93.025	ng	98
57) 2,4-Dinitrotoluene	10.151	165	266819	51.168	ng	98
58) Fluorene	10.516	166	801690	42.206	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	224958	50.076	ng	97
60) Diethylphthalate	10.380	149	824776	44.985	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	407903	43.435	ng	97
62) 4-Nitroaniline	10.533	138	191239	46.936	ng	99
63) Azobenzene	10.663	77	798395	43.084	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	133267	50.309	ng	99
66) n-Nitrosodiphenylamine	10.622	169	710546	42.564	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	262898	43.364	ng	99
68) Hexachlorobenzene	11.069	284	283128	43.929	ng	97
69) Atrazine	11.145	200	233034	47.727	ng	99
70) Pentachlorophenol	11.263	266	286333	101.022	ng	99
71) Phenanthrene	11.474	178	1155593	41.566	ng	100
72) Anthracene	11.527	178	1190484	42.396	ng	99
73) Carbazole	11.680	167	1012336	42.626	ng	100
74) Di-n-butylphthalate	12.004	149	1124088	47.530	ng	100
75) Fluoranthene	12.663	202	1073827	43.469	ng	100
77) Benzidine	12.780	184	348847	44.939	ng	98
78) Pyrene	12.892	202	1040986	46.073	ng	100
80) Butylbenzylphthalate	13.498	149	300410	53.680	ng	99
81) Benzo(a)anthracene	14.080	228	743508	44.925	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	159075	32.829	ng	99
83) Chrysene	14.115	228	656735	42.923	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	386943	48.686	ng	100
85) Di-n-octyl phthalate	14.668	149	741719	46.013	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	1018388	42.873	ng	99
88) Benzo(b)fluoranthene	15.139	252	800685	47.164	ng	98
89) Benzo(k)fluoranthene	15.168	252	689804	41.196	ng	99
90) Benzo(a)pyrene	15.515	252	753723	46.614	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	819257	42.949	ng	100
92) Benzo(g,h,i)perylene	17.568	276	833179	43.723	ng	98

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

