

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143501.D
 Acq On : 20 Aug 2025 23:32
 Operator : RC/JU
 Sample : PB169223BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169223BSD

Manual Integrations
 APPROVED

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

Quant Time: Aug 21 06:45:38 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	120429	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	465856	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	252664	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	388075	20.000	ng	0.00
76) Chrysene-d12	14.098	240	209415	20.000	ng	0.00
86) Perylene-d12	15.592	264	232706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	874783	126.839	ng	0.01
7) Phenol-d6	6.563	99	1084783	127.416	ng	-0.01
23) Nitrobenzene-d5	7.487	82	728662	91.275	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	313012	133.087	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1343491	87.878	ng	0.00
79) Terphenyl-d14	13.033	244	1153127	96.089	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	123360	38.611	ng	98
3) Pyridine	3.605	79	337730	39.688	ng	98
4) n-Nitrosodimethylamine	3.546	42	188955	49.395	ng	95
6) Aniline	6.593	93	413568	36.342	ng	97
8) 2-Chlorophenol	6.716	128	352532	46.278	ng	99
9) Benzaldehyde	6.475	77	195366	28.343	ng	96
10) Phenol	6.581	94	441061	44.970	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	339210	46.282	ng	99
12) 1,3-Dichlorobenzene	6.869	146	401016	46.853	ng	100
13) 1,4-Dichlorobenzene	6.946	146	403693	47.020	ng	99
14) 1,2-Dichlorobenzene	7.098	146	380734	46.838	ng	99
15) Benzyl Alcohol	7.069	79	305955	47.999	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	557883	47.578	ng	100
17) 2-Methylphenol	7.181	107	290520	47.518	ng	96
18) Hexachloroethane	7.440	117	135315	46.355	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	247579	47.577	ng	100
20) 3+4-Methylphenols	7.334	107	340476	46.650	ng	99
22) Acetophenone	7.334	105	474812	47.177	ng	99
24) Nitrobenzene	7.504	77	381475	46.428	ng	99
25) Isophorone	7.745	82	692618	47.330	ng	99
26) 2-Nitrophenol	7.822	139	193155	47.991	ng	97
27) 2,4-Dimethylphenol	7.863	122	304721	48.568	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	416616	46.325	ng	99
29) 2,4-Dichlorophenol	8.069	162	303555	45.302	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	327949	47.602	ng	100
31) Naphthalene	8.234	128	1009614	45.141	ng	100
32) Benzoic acid	7.993	122	155257	44.087	ng	98
33) 4-Chloroaniline	8.275	127	200975	25.318	ng	99
34) Hexachlorobutadiene	8.351	225	206996	46.053	ng	99
35) Caprolactam	8.645	113	86016m	53.495	ng	
36) 4-Chloro-3-methylphenol	8.763	107	311458	46.382	ng	98
37) 2-Methylnaphthalene	8.922	142	612085	40.976	ng	100
38) 1-Methylnaphthalene	9.022	142	627504	43.916	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	324443	44.892	ng	99
41) Hexachlorocyclopentadiene	9.081	237	322174	111.931	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	206865	46.517	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	220012	45.292	ng	99
46) 1,1'-Biphenyl	9.387	154	828011	46.171	ng	99
47) 2-Chloronaphthalene	9.410	162	641503	45.590	ng	99
48) 2-Nitroaniline	9.504	65	200435	48.672	ng	100
49) Acenaphthylene	9.828	152	1026638	50.955	ng	100
50) Dimethylphthalate	9.687	163	736986	48.431	ng	100
51) 2,6-Dinitrotoluene	9.745	165	162742	51.601	ng	99
52) Acenaphthene	9.998	154	670314	49.001	ng	99
53) 3-Nitroaniline	9.916	138	114039	33.463	ng	100
54) 2,4-Dinitrophenol	10.028	184	140919	83.316	ng	97
55) Dibenzofuran	10.175	168	893197	45.798	ng	99
56) 4-Nitrophenol	10.086	139	199779	98.523	ng	95
57) 2,4-Dinitrotoluene	10.151	165	215851	51.256	ng	96
58) Fluorene	10.516	166	686867	45.759	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	191525	53.070	ng	98
60) Diethylphthalate	10.381	149	679159	49.780	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	346760	46.191	ng	99
62) 4-Nitroaniline	10.534	138	150552	48.096	ng	96
63) Azobenzene	10.663	77	688349	48.659	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	107871	49.298	ng	96
66) n-Nitrosodiphenylamine	10.622	169	600099	48.050	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	218272	47.139	ng	96
68) Hexachlorobenzene	11.069	284	234745	47.032	ng	99
69) Atrazine	11.145	200	170052	52.748	ng	98
70) Pentachlorophenol	11.263	266	224077	98.027	ng	99
71) Phenanthrene	11.481	178	966905	46.526	ng	100
72) Anthracene	11.533	178	995006	47.262	ng	100
73) Carbazole	11.681	167	810034	46.956	ng	99
74) Di-n-butylphthalate	12.010	149	843046	52.386	ng	100
75) Fluoranthene	12.669	202	850946	45.633	ng	99
77) Benzidine	12.786	184	211509	41.464	ng	99
78) Pyrene	12.898	202	836842	48.580	ng	99
80) Butylbenzylphthalate	13.510	149	241965	51.418	ng	99
81) Benzo(a)anthracene	14.086	228	639057	47.400	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	121546	31.480	ng	98
83) Chrysene	14.122	228	583865	48.189	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	352942	49.243	ng	100
85) Di-n-octyl phthalate	14.680	149	658652	49.606	ng	100
87) Indeno(1,2,3-cd)pyrene	17.127	276	843139	50.420	ng	100
88) Benzo(b)fluoranthene	15.157	252	647733	50.075	ng	99
89) Benzo(k)fluoranthene	15.186	252	617926	49.893	ng	99
90) Benzo(a)pyrene	15.533	252	622315	51.830	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	692517	51.709	ng	99
92) Benzo(g,h,i)perylene	17.592	276	692232	51.981	ng	100

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

