

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143487.D
 Acq On : 20 Aug 2025 16:15
 Operator : RC/JU
 Sample : PB169299BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169299BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 21 06:20:31 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	140646	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	526730	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	284001	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	447118	20.000	ng	0.00
76) Chrysene-d12	14.098	240	242955	20.000	ng	0.00
86) Perylene-d12	15.592	264	281884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	909981	112.977	ng	0.01
7) Phenol-d6	6.569	99	1132028	113.852	ng	0.00
23) Nitrobenzene-d5	7.487	82	757469	83.918	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	330247	124.922	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1385435	80.622	ng	0.00
79) Terphenyl-d14	13.039	244	1276657	91.697	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	137928	36.965	ng	98
3) Pyridine	3.605	79	371320	37.363	ng	98
4) n-Nitrosodimethylamine	3.552	42	206025	46.116	ng	97
6) Aniline	6.593	93	382550	28.784	ng	91
8) 2-Chlorophenol	6.716	128	390028	43.841	ng	99
9) Benzaldehyde	6.475	77	202017	25.095	ng	97
10) Phenol	6.581	94	477357	41.675	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	374236	43.721	ng	100
12) 1,3-Dichlorobenzene	6.869	146	438406	43.859	ng	100
13) 1,4-Dichlorobenzene	6.946	146	445608	44.441	ng	100
14) 1,2-Dichlorobenzene	7.098	146	425866	44.859	ng	99
15) Benzyl Alcohol	7.069	79	345282	46.383	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	613109	44.772	ng	96
17) 2-Methylphenol	7.187	107	320293	44.858	ng	98
18) Hexachloroethane	7.440	117	149173	43.757	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	274590	45.183	ng	100
20) 3+4-Methylphenols	7.334	107	377354	44.271	ng	96
22) Acetophenone	7.334	105	516296	45.370	ng	99
24) Nitrobenzene	7.510	77	416718	44.856	ng	99
25) Isophorone	7.746	82	766396	46.319	ng	100
26) 2-Nitrophenol	7.822	139	213260	46.863	ng	98
27) 2,4-Dimethylphenol	7.863	122	336043	47.371	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	461649	45.400	ng	99
29) 2,4-Dichlorophenol	8.069	162	336050	44.355	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	362942	46.593	ng	100
31) Naphthalene	8.234	128	1104876	43.691	ng	100
32) Benzoic acid	7.993	122	179561	44.969	ng	99
33) 4-Chloroaniline	8.281	127	123558	13.766	ng	99
34) Hexachlorobutadiene	8.351	225	226236	44.516	ng	100
35) Caprolactam	8.645	113	93824m	51.608	ng	
36) 4-Chloro-3-methylphenol	8.769	107	346139	45.589	ng	100
37) 2-Methylnaphthalene	8.922	142	676981	40.082	ng	100
38) 1-Methylnaphthalene	9.022	142	697822	43.193	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	357261	43.979	ng	98
41) Hexachlorocyclopentadiene	9.081	237	386198	118.941	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	227659	45.544	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143487.D
 Acq On : 20 Aug 2025 16:15
 Operator : RC/JU
 Sample : PB169299BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169299BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 21 06:20:31 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)
44) 2,4,5-Trichlorophenol	9.245	196	243980	44.684	ng	100
46) 1,1'-Biphenyl	9.387	154	914709	45.377	ng	100
47) 2-Chloronaphthalene	9.416	162	700678	44.301	ng	100
48) 2-Nitroaniline	9.504	65	218623	47.231	ng	98
49) Acenaphthylene	9.828	152	1105180	48.801	ng	100
50) Dimethylphthalate	9.687	163	796457	46.564	ng	100
51) 2,6-Dinitrotoluene	9.745	165	177052	49.944	ng	98
52) Acenaphthene	10.004	154	722628	46.997	ng	100
53) 3-Nitroaniline	9.916	138	93167	24.322	ng	99
54) 2,4-Dinitrophenol	10.028	184	166975	87.541	ng	97
55) Dibenzofuran	10.175	168	958120	43.706	ng	99
56) 4-Nitrophenol	10.087	139	229591	100.732	ng	95
57) 2,4-Dinitrotoluene	10.151	165	239768	50.653	ng	96
58) Fluorene	10.516	166	733541	43.476	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	203776	50.235	ng	99
60) Diethylphthalate	10.387	149	723814	47.199	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	368468	43.667	ng	99
62) 4-Nitroaniline	10.534	138	168146	47.789	ng	100
63) Azobenzene	10.663	77	736062	46.290	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	123613	49.033	ng	95
66) n-Nitrosodiphenylamine	10.622	169	642303	44.638	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	239268	44.850	ng	98
68) Hexachlorobenzene	11.069	284	262799	45.700	ng	100
69) Atrazine	11.151	200	188244	50.680	ng	99
70) Pentachlorophenol	11.263	266	265057	100.642	ng	99
71) Phenanthrene	11.481	178	1069209	44.655	ng	100
72) Anthracene	11.534	178	1102078	45.435	ng	100
73) Carbazole	11.686	167	914035	45.988	ng	100
74) Di-n-butylphthalate	12.010	149	937959	50.587	ng	100
75) Fluoranthene	12.669	202	981972	45.706	ng	100
77) Benzidine	12.786	184	198065	33.468	ng	100
78) Pyrene	12.898	202	968021	48.438	ng	100
80) Butylbenzylphthalate	13.510	149	280813	51.435	ng	99
81) Benzo(a)anthracene	14.086	228	711121	45.463	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	87267	19.482	ng	99
83) Chrysene	14.122	228	656469	46.702	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	401124	48.240	ng	99
85) Di-n-octyl phthalate	14.680	149	740974	48.102	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	970402	47.907	ng	99
88) Benzo(b)fluoranthene	15.157	252	714546	45.603	ng	100
89) Benzo(k)fluoranthene	15.186	252	687981	45.858	ng	100
90) Benzo(a)pyrene	15.533	252	703830	48.393	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	801587	49.411	ng	98
92) Benzo(g,h,i)perylene	17.592	276	797119	49.415	ng	99

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

