

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
 Data File : BP026260.D
 Acq On : 09 Dec 2025 14:14
 Operator : RC/JU
 Sample : PB170865BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

PB170865BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2025

Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 09 14:35:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 05 14:52:44 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	233832	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	945889	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	611619	20.000	ng	0.00
64) Phenanthrene-d10	17.078	188	1243071	20.000	ng	-0.02
76) Chrysene-d12	21.530	240	1355000	20.000	ng	0.00
86) Perylene-d12	24.830	264	1405492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1775472	122.071	ng	0.00
7) Phenol-d6	6.843	99	2216162	120.710	ng	0.00
23) Nitrobenzene-d5	8.790	82	1304862	78.522	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	1062832	133.624	ng	-0.01
45) 2-Fluorobiphenyl	12.890	172	3319725	78.913	ng	-0.01
79) Terphenyl-d14	19.831	244	5445926	82.148	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.214	88	202758	34.282	ng	96
3) Pyridine	3.608	79	493170	29.034	ng	98
4) n-Nitrosodimethylamine	3.514	42	265240	41.873	ng	# 94
6) Aniline	6.990	93	686822	28.509	ng	98
8) 2-Chlorophenol	7.225	128	722056	43.688	ng	99
9) Benzaldehyde	6.802	77	258810	26.149	ng	98
10) Phenol	6.867	94	851235	43.103	ng	96
11) bis(2-Chloroethyl)ether	7.084	93	609424	39.359	ng	98
12) 1,3-Dichlorobenzene	7.537	146	731384	40.895	ng	99
13) 1,4-Dichlorobenzene	7.684	146	746905	41.443	ng	99
14) 1,2-Dichlorobenzene	7.996	146	726990	42.023	ng	99
15) Benzyl Alcohol	7.884	79	600171	44.969	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.178	45	854895	39.559	ng	99
17) 2-Methylphenol	8.090	107	585961	43.717	ng	98
18) Hexachloroethane	8.719	117	268397	40.998	ng	96
19) n-Nitroso-di-n-propyla...	8.449	70	463403	40.947	ng	98
20) 3+4-Methylphenols	8.414	107	801496	43.304	ng	99
22) Acetophenone	8.461	105	1090684	45.458	ng	100
24) Nitrobenzene	8.831	77	700043	41.676	ng	100
25) Isophorone	9.355	82	1326883	40.699	ng	98
26) 2-Nitrophenol	9.537	139	394111	46.406	ng	97
27) 2,4-Dimethylphenol	9.602	122	653794	43.495	ng	98
28) bis(2-Chloroethoxy)met...	9.831	93	835620	40.783	ng	99
29) 2,4-Dichlorophenol	10.066	162	698468	45.595	ng	99
30) 1,2,4-Trichlorobenzene	10.278	180	704707	44.752	ng	99
31) Naphthalene	10.466	128	2086760	40.807	ng	99
32) Benzoic acid	9.761	122	604869	50.233	ng	99
33) 4-Chloroaniline	10.566	127	438741	20.480	ng	99
34) Hexachlorobutadiene	10.755	225	445974	43.376	ng	99
35) Caprolactam	11.366	113	233472	43.160	ng	99
36) 4-Chloro-3-methylphenol	11.707	107	733909	45.533	ng	100
37) 2-Methylnaphthalene	12.078	142	1352680	37.532	ng	99
38) 1-Methylnaphthalene	12.296	142	1411101	40.076	ng	99
40) 1,2,4,5-Tetrachloroben...	12.454	216	884358	47.367	ng	100
41) Hexachlorocyclopentadiene	12.437	237	817904	70.229	ng	99
43) 2,4,6-Trichlorophenol	12.696	196	581067	45.794	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
 Data File : BP026260.D
 Acq On : 09 Dec 2025 14:14
 Operator : RC/JU
 Sample : PB170865BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170865BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2025
 Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 09 14:35:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	635538	44.971	ng	98
46) 1,1'-Biphenyl	13.102	154	2115258	45.801	ng	99
47) 2-Chloronaphthalene	13.143	162	1516127	41.668	ng	100
48) 2-Nitroaniline	13.343	65	463133	46.472	ng	95
49) Acenaphthylene	14.001	152	2556925	42.822	ng	99
50) Dimethylphthalate	13.737	163	1976452	43.369	ng	99
51) 2,6-Dinitrotoluene	13.849	165	431469	47.908	ng	97
52) Acenaphthene	14.343	154	1435139	41.105	ng	99
53) 3-Nitroaniline	14.178	138	346164	32.881	ng	100
54) 2,4-Dinitrophenol	14.390	184	471026	98.098	ng	97
55) Dibenzofuran	14.684	168	2292973	42.230	ng	99
56) 4-Nitrophenol	14.507	139	816181	86.824	ng	95
57) 2,4-Dinitrotoluene	14.648	165	623994	46.576	ng	98
58) Fluorene	15.343	166	1847392	43.008	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.919	232	569641	47.623	ng	99
60) Diethylphthalate	15.125	149	2048603	44.818	ng	100
61) 4-Chlorophenyl-phenyle...	15.343	204	930018	43.423	ng	97
62) 4-Nitroaniline	15.360	138	415456	38.024	ng	95
63) Azobenzene	15.643	77	1642653	42.738	ng	99
65) 4,6-Dinitro-2-methylph...	15.419	198	344857	46.971	ng	97
66) n-Nitrosodiphenylamine	15.560	169	1693805	44.071	ng	99
67) 4-Bromophenyl-phenylether	16.260	248	627624	45.543	ng	99
68) Hexachlorobenzene	16.372	284	720654	44.996	ng	97
69) Atrazine	16.543	200	642296	44.447	ng	99
70) Pentachlorophenol	16.725	266	1018133	91.633	ng	99
71) Phenanthrene	17.125	178	3019739	43.091	ng	100
72) Anthracene	17.219	178	3060963	42.885	ng	100
73) Carbazole	17.501	167	2902950	42.961	ng	100
74) Di-n-butylphthalate	18.107	149	3564274	44.648	ng	99
75) Fluoranthene	19.225	202	3652671	42.829	ng	99
78) Pyrene	19.601	202	3795940	42.990	ng	100
80) Butylbenzylphthalate	20.572	149	1735455	44.783	ng	98
81) Benzo(a)anthracene	21.507	228	3953887	42.538	ng	100
82) 3,3'-Dichlorobenzidine	21.436	252	1079097	31.908	ng	100
83) Chrysene	21.583	228	3689213	41.918	ng	100
84) Bis(2-ethylhexyl)phtha...	21.472	149	2549860	43.743	ng	99
85) Di-n-octyl phthalate	22.736	149	4440863	43.213	ng	99
87) Indeno(1,2,3-cd)pyrene	28.554	276	4974958m	46.836	ng	
88) Benzo(b)fluoranthene	23.789	252	4030194	47.182	ng	99
89) Benzo(k)fluoranthene	23.854	252	4113802	48.145	ng	100
90) Benzo(a)pyrene	24.666	252	3891313	48.042	ng	99
91) Dibenzo(a,h)anthracene	28.642	278	4087704	47.049	ng	98
92) Benzo(g,h,i)perylene	29.724	276	4073782	47.035	ng	98

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

Manual Integrations

Reviewed By :Jagrut Upadhyay 12/10/2025
Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 09 14:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

