

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
 Data File : BP025985.D
 Acq On : 21 Oct 2025 13:58
 Operator : RC/JU
 Sample : PB170182BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170182BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/22/2025
 Supervised By :Jagrut Upadhyay 10/22/2025

Quant Time: Oct 21 14:18:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 15 23:48:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	174220	20.00	ng	0.00
21) Naphthalene-d8	10.466	136	718076	20.00	ng	0.00
39) Acenaphthene-d10	14.319	164	473440	20.00	ng	0.00
64) Phenanthrene-d10	17.131	188	871934	20.00	ng	0.01
76) Chrysene-d12	21.566	240	717644	20.00	ng	-0.02
86) Perylene-d12	24.924	264	781872	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1412536	132.93	ng	0.00
7) Phenol-d6	6.908	99	1854753	125.07	ng	0.00
23) Nitrobenzene-d5	8.849	82	1181823	73.98	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	712494	111.79	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	2677233	72.48	ng	0.00
79) Terphenyl-d14	19.842	244	3371272	75.08	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.249	88	139024	33.03	ng	94
3) Pyridine	3.655	79	398225	33.90	ng	97
4) n-Nitrosodimethylamine	3.561	42	235805	45.81	ng	91
6) Aniline	7.043	93	641272	32.30	ng	98
8) 2-Chlorophenol	7.284	128	566821	46.03	ng	97
9) Benzaldehyde	6.866	77	265080	33.50	ng	98
10) Phenol	6.937	94	725108	48.43	ng	100
11) bis(2-Chloroethyl)ether	7.131	93	524605	42.97	ng	98
12) 1,3-Dichlorobenzene	7.590	146	563951	41.31	ng	100
13) 1,4-Dichlorobenzene	7.731	146	587292	42.22	ng	99
14) 1,2-Dichlorobenzene	8.049	146	561894	41.29	ng	99
15) Benzyl Alcohol	7.955	79	533316	42.25	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.219	45	826851	43.98	ng	98
17) 2-Methylphenol	8.161	107	488703	45.54	ng	97
18) Hexachloroethane	8.755	117	219241	41.30	ng	97
19) n-Nitroso-di-n-propyla...	8.502	70	428641	40.55	ng	96
20) 3+4-Methylphenols	8.490	107	662395	44.30	ng	99
22) Acetophenone	8.519	105	921823	47.22	ng	# 97
24) Nitrobenzene	8.890	77	643879	45.32	ng	100
25) Isophorone	9.413	82	1198499	41.77	ng	99
26) 2-Nitrophenol	9.596	139	309604	45.00	ng	95
27) 2,4-Dimethylphenol	9.666	122	538165	46.16	ng	97
28) bis(2-Chloroethoxy)met...	9.878	93	731994	43.61	ng	98
29) 2,4-Dichlorophenol	10.160	162	551424	47.47	ng	98
30) 1,2,4-Trichlorobenzene	10.331	180	578427	43.98	ng	99
31) Naphthalene	10.513	128	1664561	42.97	ng	99
32) Benzoic acid	9.902	122	414617	49.08	ng	96
33) 4-Chloroaniline	10.649	127	314341	19.11	ng	98
34) Hexachlorobutadiene	10.790	225	376246	43.23	ng	98
35) Caprolactam	11.460	113	170490m	41.24	ng	
36) 4-Chloro-3-methylphenol	11.784	107	624421	45.78	ng	95
37) 2-Methylnaphthalene	12.125	142	1087000	42.86	ng	100
38) 1-Methylnaphthalene	12.349	142	1138554	42.56	ng	98
40) 1,2,4,5-Tetrachloroben...	12.501	216	734699	47.66	ng	99
41) Hexachlorocyclopentadiene	12.472	237	762525	83.65	ng	99
43) 2,4,6-Trichlorophenol	12.760	196	460887	47.10	ng	98

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44) 2,4,5-Trichlorophenol	12.854	196	492030	46.18	ng	98
46) 1,1'-Biphenyl	13.143	154	1729450	48.36	ng	99
47) 2-Chloronaphthalene	13.190	162	1222022	43.70	ng	100
48) 2-Nitroaniline	13.413	65	405806	46.56	ng	93
49) Acenaphthylene	14.043	152	2023225	44.75	ng	100
50) Dimethylphthalate	13.784	163	1545500	43.19	ng	99
51) 2,6-Dinitrotoluene	13.901	165	340583	44.08	ng	99
52) Acenaphthene	14.390	154	1124078	43.05	ng	99
53) 3-Nitroaniline	14.254	138	210307	27.33	ng	99
54) 2,4-Dinitrophenol	14.478	184	411920	78.56	ng	97
55) Dibenzofuran	14.737	168	1818614	43.50	ng	98
56) 4-Nitrophenol	14.613	139	415346	89.00	ng	94
57) 2,4-Dinitrotoluene	14.719	165	468031	44.71	ng	97
58) Fluorene	15.395	166	1469783	43.75	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.978	232	412407	43.13	ng	97
60) Diethylphthalate	15.166	149	1510810	42.82	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	757723	42.89	ng	98
62) 4-Nitroaniline	15.448	138	287110	40.26	ng	96
63) Azobenzene	15.678	77	1473502	44.80	ng	99
65) 4,6-Dinitro-2-methylph...	15.507	198	283488	44.98	ng	95
66) n-Nitrosodiphenylamine	15.607	169	1266770	45.16	ng	99
67) 4-Bromophenyl-phenylether	16.290	248	480716	44.67	ng	94
68) Hexachlorobenzene	16.419	284	535343	44.34	ng	99
69) Atrazine	16.584	200	452427	44.70	ng	99
70) Pentachlorophenol	16.784	266	597666	91.69	ng	98
71) Phenanthrene	17.172	178	2155460	43.62	ng	99
72) Anthracene	17.260	178	2232657	44.23	ng	100
73) Carbazole	17.554	167	1972321	44.32	ng	99
74) Di-n-butylphthalate	18.125	149	2370434	43.28	ng	100
75) Fluoranthene	19.254	202	2336493	41.91	ng	98
77) Benzidine	19.466	184	799181	34.76	ng	99
78) Pyrene	19.636	202	2419001	45.70	ng	99
80) Butylbenzylphthalate	20.572	149	953563	45.27	ng	97
81) Benzo(a)anthracene	21.548	228	2202305	44.87	ng	100
82) 3,3'-Dichlorobenzidine	21.472	252	448602	25.68	ng	99
83) Chrysene	21.619	228	2077339	44.26	ng	100
84) Bis(2-ethylhexyl)phtha...	21.466	149	1337876	46.01	ng	98
85) Di-n-octyl phthalate	22.736	149	2347642	47.28	ng	98
87) Indeno(1,2,3-cd)pyrene	28.707	276	2730013	46.35	ng	99
88) Benzo(b)fluoranthene	23.854	252	2190416	44.98	ng	100
89) Benzo(k)fluoranthene	23.930	252	2250212	45.53	ng	100
90) Benzo(a)pyrene	24.754	252	2149585	45.43	ng	100
91) Dibenzo(a,h)anthracene	28.759	278	2233853	46.53	ng	98
92) Benzo(g,h,i)perylene	29.912	276	2194990	46.66	ng	99

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

