

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100825\
 Data File : BP025955.D
 Acq On : 08 Oct 2025 16:07
 Operator : RC/JU
 Sample : PB169995BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169995BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025

Quant Time: Oct 08 16:33:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 08 16:22:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	145065	20.000	ng	0.00
21) Naphthalene-d8	10.496	136	584155	20.000	ng	0.00
39) Acenaphthene-d10	14.337	164	387873	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	775955	20.000	ng	0.00
76) Chrysene-d12	21.583	240	793800	20.000	ng	0.01
86) Perylene-d12	24.930	264	846155	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	1236317	139.100	ng	0.00
7) Phenol-d6	6.937	99	1581530	134.747	ng	0.00
23) Nitrobenzene-d5	8.878	82	990302	75.873	ng	0.00
42) 2,4,6-Tribromophenol	15.860	330	701875	144.900	ng	0.00
45) 2-Fluorobiphenyl	12.948	172	2292230	79.388	ng	0.00
79) Terphenyl-d14	19.860	244	3749874	85.180	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	128286	34.763	ng	95
3) Pyridine	3.696	79	369461	36.294	ng	94
4) n-Nitrosodimethylamine	3.608	42	185624	39.124	ng	92
6) Aniline	7.072	93	526459	32.798	ng	100
8) 2-Chlorophenol	7.313	128	479894	49.220	ng	99
9) Benzaldehyde	6.890	77	245056	31.983	ng	95
10) Phenol	6.966	94	602397	48.795	ng	96
11) bis(2-Chloroethyl)ether	7.160	93	449533	45.401	ng	95
12) 1,3-Dichlorobenzene	7.619	146	490193	44.180	ng	98
13) 1,4-Dichlorobenzene	7.760	146	502875	44.454	ng	98
14) 1,2-Dichlorobenzene	8.078	146	485865	44.357	ng	100
15) Benzyl Alcohol	7.978	79	447818	46.308	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.243	45	641162	40.084	ng	96
17) 2-Methylphenol	8.190	107	404277	48.504	ng	98
18) Hexachloroethane	8.790	117	188306	43.694	ng	98
19) n-Nitroso-di-n-propyla...	8.525	70	349187	43.032	ng	94
20) 3+4-Methylphenols	8.513	107	545179	47.054	ng	99
22) Acetophenone	8.543	105	781381	50.684	ng	98
24) Nitrobenzene	8.919	77	527496	45.131	ng	99
25) Isophorone	9.443	82	995091	43.443	ng	98
26) 2-Nitrophenol	9.619	139	261400	49.638	ng	94
27) 2,4-Dimethylphenol	9.690	122	445217	49.029	ng	99
28) bis(2-Chloroethoxy)met...	9.907	93	605930	45.570	ng	98
29) 2,4-Dichlorophenol	10.178	162	470116	51.393	ng	99
30) 1,2,4-Trichlorobenzene	10.354	180	477533	46.178	ng	99
31) Naphthalene	10.543	128	1410306	45.258	ng	100
32) Benzoic acid	9.907	122	372725m	55.312	ng	
33) 4-Chloroaniline	10.672	127	328182	25.390	ng	98
34) Hexachlorobutadiene	10.819	225	315225	47.134	ng	100
35) Caprolactam	11.478	113	154528	42.777	ng	93
36) 4-Chloro-3-methylphenol	11.807	107	520421	48.012	ng	96
37) 2-Methylnaphthalene	12.148	142	906086	45.398	ng	98
38) 1-Methylnaphthalene	12.372	142	947998	44.636	ng	100
40) 1,2,4,5-Tetrachloroben...	12.519	216	619678	52.791	ng	99
41) Hexachlorocyclopentadiene	12.490	237	431314	66.554	ng	97
43) 2,4,6-Trichlorophenol	12.778	196	384286	50.065	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	420856	49.451	ng	96
46) 1,1'-Biphenyl	13.166	154	1447337	51.397	ng	99
47) 2-Chloronaphthalene	13.207	162	1047733	47.123	ng	98
48) 2-Nitroaniline	13.431	65	341735	46.612	ng	92
49) Acenaphthylene	14.060	152	1731453	47.186	ng	100
50) Dimethylphthalate	13.801	163	1342678	45.950	ng	99
51) 2,6-Dinitrotoluene	13.919	165	295645	47.529	ng	96
52) Acenaphthene	14.401	154	956332	45.247	ng	99
53) 3-Nitroaniline	14.266	138	214257	32.914	ng	98
54) 2,4-Dinitrophenol	14.495	184	356627	86.945	ng	94
55) Dibenzofuran	14.742	168	1570817	45.627	ng	98
56) 4-Nitrophenol	14.631	139	381258	68.174	ng	97
57) 2,4-Dinitrotoluene	14.725	165	435127	49.375	ng	95
58) Fluorene	15.401	166	1280178	46.800	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.989	232	375220	49.083	ng	94
60) Diethylphthalate	15.178	149	1365990	45.957	ng	99
61) 4-Chlorophenyl-phenyle...	15.395	204	656913	47.305	ng	95
62) 4-Nitroaniline	15.448	138	285069	43.239	ng	97
63) Azobenzene	15.695	77	1254162	44.102	ng	96
65) 4,6-Dinitro-2-methylph...	15.513	198	250406	48.262	ng	93
66) n-Nitrosodiphenylamine	15.619	169	1146112	48.710	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	426321	50.080	ng	98
68) Hexachlorobenzene	16.431	284	480034	50.327	ng	93
69) Atrazine	16.595	200	445513	49.676	ng	97
70) Pentachlorophenol	16.795	266	553804	90.940	ng	99
71) Phenanthrene	17.183	178	2035491	46.826	ng	99
72) Anthracene	17.278	178	2093743	47.412	ng	99
73) Carbazole	17.566	167	1937169	47.534	ng	99
74) Di-n-butylphthalate	18.142	149	2417236	48.065	ng	99
75) Fluoranthene	19.277	202	2425416	46.579	ng	99
77) Benzidine	19.477	184	1053462	46.065	ng	99
78) Pyrene	19.654	202	2513976	47.799	ng	99
80) Butylbenzylphthalate	20.583	149	1126981	49.081	ng	97
81) Benzo(a)anthracene	21.566	228	2546618	47.393	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	599879	32.064	ng	99
83) Chrysene	21.636	228	2384081	46.472	ng	99
84) Bis(2-ethylhexyl)phtha...	21.477	149	1617663	48.457	ng	99
85) Di-n-octyl phthalate	22.742	149	2855088	47.786	ng	97
87) Indeno(1,2,3-cd)pyrene	28.724	276	2892759	47.581	ng	# 84
88) Benzo(b)fluoranthene	23.865	252	2478408	48.696	ng	98
89) Benzo(k)fluoranthene	23.924	252	2543689	48.960	ng	99
90) Benzo(a)pyrene	24.760	252	2401528	48.080	ng	99
91) Dibenzo(a,h)anthracene	28.783	278	2401142	48.187	ng	98
92) Benzo(g,h,i)perylene	29.906	276	2345316	47.847	ng	98

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

