

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
 Data File : BP025758.D
 Acq On : 16 Sep 2025 14:54
 Operator : CG/JU
 Sample : PB169701BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169701BS

Quant Time: Sep 16 15:17:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	122005	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	475865	20.000	ng	0.00
39) Acenaphthene-d10	14.366	164	308299	20.000	ng	-0.01
64) Phenanthrene-d10	17.172	188	625400	20.000	ng	-0.01
76) Chrysene-d12	21.613	240	741491	20.000	ng	-0.03
86) Perylene-d12	24.959	264	937803	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	907367	120.002	ng	0.00
7) Phenol-d6	6.943	99	1178672	117.277	ng	0.00
23) Nitrobenzene-d5	8.896	82	765347	70.945	ng	0.00
42) 2,4,6-Tribromophenol	15.878	330	433271	112.672	ng	-0.03
45) 2-Fluorobiphenyl	12.978	172	1663772	71.856	ng	-0.01
79) Terphenyl-d14	19.889	244	2728256	66.192	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	107013	33.721	ng	98
3) Pyridine	3.702	79	303846	34.771	ng	98
4) n-Nitrosodimethylamine	3.608	42	167111	40.528	ng	98
6) Aniline	7.090	93	419097	30.377	ng	99
8) 2-Chlorophenol	7.331	128	358466	43.215	ng	99
9) Benzaldehyde	6.908	77	132418	21.982	ng	99
10) Phenol	6.972	94	465555	43.931	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	346673	40.717	ng	96
12) 1,3-Dichlorobenzene	7.649	146	380019	40.253	ng	99
13) 1,4-Dichlorobenzene	7.790	146	390048	40.560	ng	100
14) 1,2-Dichlorobenzene	8.102	146	374677	40.105	ng	99
15) Benzyl Alcohol	7.996	79	323954	39.008	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.272	45	566429	40.681	ng	100
17) 2-Methylphenol	8.196	107	300623	42.075	ng	99
18) Hexachloroethane	8.819	117	147711	40.213	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	278816	39.775	ng	99
20) 3+4-Methylphenols	8.519	107	402405	40.215	ng	96
22) Acetophenone	8.566	105	535031	42.072	ng	99
24) Nitrobenzene	8.937	77	413051	42.680	ng	100
25) Isophorone	9.466	82	740235	39.039	ng	100
26) 2-Nitrophenol	9.643	139	180561	42.022	ng	97
27) 2,4-Dimethylphenol	9.707	122	323525	42.919	ng	99
28) bis(2-Chloroethoxy)met...	9.931	93	450158	41.070	ng	100
29) 2,4-Dichlorophenol	10.190	162	325411	43.297	ng	98
30) 1,2,4-Trichlorobenzene	10.390	180	354142	41.810	ng	99
31) Naphthalene	10.572	128	1057954	41.231	ng	99
32) Benzoic acid	9.860	122	219955	39.247	ng	99
33) 4-Chloroaniline	10.690	127	301187	28.162	ng	99
34) Hexachlorobutadiene	10.860	225	226282	41.499	ng	99
35) Caprolactam	11.484	113	111355	38.435	ng	95
36) 4-Chloro-3-methylphenol	11.813	107	371737	41.486	ng	95
37) 2-Methylnaphthalene	12.178	142	672952	40.834	ng	99
38) 1-Methylnaphthalene	12.401	142	702312	39.963	ng	99
40) 1,2,4,5-Tetrachloroben...	12.554	216	400286	42.847	ng	99
41) Hexachlorocyclopentadiene	12.531	237	429448	84.402	ng	98
43) 2,4,6-Trichlorophenol	12.801	196	270493	44.043	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
 Data File : BP025758.D
 Acq On : 16 Sep 2025 14:54
 Operator : CG/JU
 Sample : PB169701BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169701BS

Quant Time: Sep 16 15:17:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	303181	44.356	ng	97
46) 1,1'-Biphenyl	13.195	154	967117	42.737	ng	98
47) 2-Chloronaphthalene	13.237	162	754889	42.366	ng	99
48) 2-Nitroaniline	13.448	65	260374	43.837	ng	99
49) Acenaphthylene	14.084	152	1238020	41.934	ng	100
50) Dimethylphthalate	13.825	163	977080	41.511	ng	99
51) 2,6-Dinitrotoluene	13.937	165	210877	42.287	ng	99
52) Acenaphthene	14.437	154	712765	41.864	ng	99
53) 3-Nitroaniline	14.278	138	171374	32.680	ng	98
54) 2,4-Dinitrophenol	14.489	184	259787	80.117	ng	94
55) Dibenzofuran	14.778	168	1170047	42.166	ng	98
56) 4-Nitrophenol	14.607	139	373545	82.564	ng	96
57) 2,4-Dinitrotoluene	14.742	165	311629	43.910	ng	97
58) Fluorene	15.436	166	934207	42.339	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.013	232	262151	42.576	ng	99
60) Diethylphthalate	15.201	149	997579	41.783	ng	100
61) 4-Chlorophenyl-phenyle...	15.425	204	473255	42.558	ng	97
62) 4-Nitroaniline	15.460	138	228580	42.548	ng	98
63) Azobenzene	15.725	77	973414	42.165	ng	99
65) 4,6-Dinitro-2-methylph...	15.519	198	180407	43.376	ng	98
66) n-Nitrosodiphenylamine	15.642	169	837800	43.775	ng	100
67) 4-Bromophenyl-phenylether	16.342	248	294122	42.809	ng	98
68) Hexachlorobenzene	16.460	284	322840	42.136	ng	96
69) Atrazine	16.625	200	312843	42.763	ng	97
70) Pentachlorophenol	16.819	266	439802	86.973	ng	99
71) Phenanthrene	17.213	178	1514201	42.682	ng	99
72) Anthracene	17.301	178	1545870	42.946	ng	99
73) Carbazole	17.589	167	1475334	44.086	ng	99
74) Di-n-butylphthalate	18.183	149	1767780	43.046	ng	100
75) Fluoranthene	19.307	202	1833884	43.102	ng	100
77) Benzidine	19.501	184	807357	37.800	ng	99
78) Pyrene	19.683	202	1962523	39.666	ng	100
80) Butylbenzylphthalate	20.630	149	880878	40.606	ng	99
81) Benzo(a)anthracene	21.595	228	2149142	42.336	ng	100
82) 3,3'-Dichlorobenzidine	21.519	252	604571	34.443	ng	98
83) Chrysene	21.660	228	2057116	42.511	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	1274573	40.159	ng	99
85) Di-n-octyl phthalate	22.807	149	2269957	40.207	ng	99
87) Indeno(1,2,3-cd)pyrene	28.800	276	3278580	48.074	ng	# 83
88) Benzo(b)fluoranthene	23.913	252	2526346	44.052	ng	99
89) Benzo(k)fluoranthene	23.983	252	2483568	42.439	ng	100
90) Benzo(a)pyrene	24.812	252	2471957	44.015	ng	99
91) Dibenzo(a,h)anthracene	28.859	278	2692687	48.248	ng	99
92) Benzo(g,h,i)perylene	29.995	276	2696887	49.137	ng	99

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

Quant Time: Sep 16 15:17:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

