

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
 Data File : BP025903.D
 Acq On : 01 Oct 2025 16:30
 Operator : CG/JU
 Sample : PB169936BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169936BS

Quant Time: Oct 01 16:52:00 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	7.743	152	169775	20.000	ng	-0.02
21) Naphthalene-d8	10.508	136	639814	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	385179	20.000	ng	-0.02
64) Phenanthrene-d10	17.148	188	734512	20.000	ng	-0.04
76) Chrysene-d12	21.595	240	724379	20.000	ng	-0.05
86) Perylene-d12	24.948	264	789585	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1664589	158.203	ng	0.00
7) Phenol-d6	6.949	99	2057877	147.144	ng	0.00
23) Nitrobenzene-d5	8.890	82	1311132	90.394	ng	-0.01
42) 2,4,6-Tribromophenol	15.866	330	789540	164.339	ng	-0.04
45) 2-Fluorobiphenyl	12.966	172	2820554	97.502	ng	-0.02
79) Terphenyl-d14	19.872	244	3986091	98.994	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	170855	38.689	ng	97
3) Pyridine	3.702	79	494963	40.705	ng	94
4) n-Nitrosodimethylamine	3.608	42	235633	41.066	ng	88
6) Aniline	7.084	93	705916	36.770	ng	98
8) 2-Chlorophenol	7.325	128	586913	50.847	ng	96
9) Benzaldehyde	6.902	77	324388	38.698	ng	95
10) Phenol	6.972	94	716380	48.579	ng	97
11) bis(2-Chloroethyl)ether	7.172	93	558306	47.123	ng	96
12) 1,3-Dichlorobenzene	7.631	146	631217	48.048	ng	99
13) 1,4-Dichlorobenzene	7.778	146	656323	49.045	ng	99
14) 1,2-Dichlorobenzene	8.090	146	623111	47.930	ng	99
15) Benzyl Alcohol	7.990	79	529855	45.849	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	809984	41.804	ng	95
17) 2-Methylphenol	8.196	107	478094	48.086	ng	98
18) Hexachloroethane	8.802	117	245777	48.083	ng	99
19) n-Nitroso-di-n-propyla...	8.543	70	416892	42.738	ng	93
20) 3+4-Methylphenols	8.525	107	634399	45.561	ng	99
22) Acetophenone	8.561	105	945397	55.292	ng	# 97
24) Nitrobenzene	8.931	77	639362	49.136	ng	96
25) Isophorone	9.455	82	1162250	45.588	ng	99
26) 2-Nitrophenol	9.631	139	314300	54.404	ng	93
27) 2,4-Dimethylphenol	9.702	122	505552	49.881	ng	100
28) bis(2-Chloroethoxy)met...	9.919	93	718897	48.782	ng	99
29) 2,4-Dichlorophenol	10.184	162	524186	51.873	ng	99
30) 1,2,4-Trichlorobenzene	10.372	180	588540	51.678	ng	99
31) Naphthalene	10.555	128	1677943	48.637	ng	99
32) Benzoic acid	9.902	122	416867	55.322	ng	97
33) 4-Chloroaniline	10.672	127	487618	33.911	ng	99
34) Hexachlorobutadiene	10.837	225	388600	53.005	ng	99
35) Caprolactam	11.478	113	162100	41.613	ng	91
36) 4-Chloro-3-methylphenol	11.813	107	560008	46.483	ng	97
37) 2-Methylnaphthalene	12.160	142	1056202	47.666	ng	98
38) 1-Methylnaphthalene	12.384	142	1086006	45.961	ng	98
40) 1,2,4,5-Tetrachloroben...	12.537	216	727343	62.316	ng	99
41) Hexachlorocyclopentadiene	12.507	237	589251	92.694	ng	98
43) 2,4,6-Trichlorophenol	12.784	196	424142	55.276	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	459157	53.768	ng	95
46) 1,1'-Biphenyl	13.178	154	1630611	57.675	ng	99
47) 2-Chloronaphthalene	13.219	162	1150799	51.694	ng	99
48) 2-Nitroaniline	13.437	65	362566	48.858	ng	95
49) Acenaphthylene	14.072	152	1887451	51.171	ng	100
50) Dimethylphthalate	13.807	163	1412936	48.047	ng	99
51) 2,6-Dinitrotoluene	13.925	165	311078	49.929	ng	97
52) Acenaphthene	14.419	154	1044374	49.098	ng	99
53) 3-Nitroaniline	14.272	138	258246	39.417	ng	99
54) 2,4-Dinitrophenol	14.490	184	372062	91.134	ng	95
55) Dibenzofuran	14.760	168	1693463	48.848	ng	98
56) 4-Nitrophenol	14.631	139	438676	77.876	ng	94
57) 2,4-Dinitrotoluene	14.737	165	435211	49.084	ng	94
58) Fluorene	15.413	166	1351807	49.036	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.996	232	395096	51.360	ng	94
60) Diethylphthalate	15.184	149	1389328	46.576	ng	100
61) 4-Chlorophenyl-phenyle...	15.401	204	704410	50.701	ng	98
62) 4-Nitroaniline	15.454	138	321445	47.891	ng	97
63) Azobenzene	15.707	77	1300726	45.097	ng	96
65) 4,6-Dinitro-2-methylph...	15.513	198	264299	54.107	ng	92
66) n-Nitrosodiphenylamine	15.625	169	1183111	52.635	ng	100
67) 4-Bromophenyl-phenylether	16.313	248	440507	54.591	ng	95
68) Hexachlorobenzene	16.443	284	494944	55.002	ng	# 91
69) Atrazine	16.601	200	445452	51.844	ng	96
70) Pentachlorophenol	16.801	266	613498	103.299	ng	99
71) Phenanthrene	17.190	178	2064154	49.541	ng	100
72) Anthracene	17.284	178	2122678	50.211	ng	100
73) Carbazole	17.566	167	1932496	49.169	ng	100
74) Di-n-butylphthalate	18.148	149	2397609	49.710	ng	99
75) Fluoranthene	19.272	202	2410185	48.232	ng	100
77) Benzidine	19.478	184	1432308	68.643	ng	100
78) Pyrene	19.654	202	2468919	51.080	ng	99
80) Butylbenzylphthalate	20.601	149	1088229	51.349	ng	97
81) Benzo(a)anthracene	21.572	228	2489516	50.200	ng	99
82) 3,3'-Dichlorobenzidine	21.495	252	722853	42.155	ng	99
83) Chrysene	21.642	228	2316064	48.992	ng	99
84) Bis(2-ethylhexyl)phtha...	21.495	149	1535516	49.523	ng	99
85) Di-n-octyl phthalate	22.772	149	2708211	49.103	ng	97
87) Indeno(1,2,3-cd)pyrene	28.765	276	2963718	51.615	ng	# 84
88) Benzo(b)fluoranthene	23.883	252	2467676	51.107	ng	99
89) Benzo(k)fluoranthene	23.948	252	2439657	49.515	ng	99
90) Benzo(a)pyrene	24.783	252	2369815	50.117	ng	99
91) Dibenzo(a,h)anthracene	28.830	278	2428175	51.676	ng	97
92) Benzo(g,h,i)perylene	29.948	276	2399712	51.930	ng	97

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

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