

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025826.D
 Acq On : 23 Sep 2025 12:25
 Operator : CG/JU
 Sample : PB169765BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169765BS

Quant Time: Sep 23 12:46:45 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	7.749	152	244837	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	994106	20.000	ng	-0.01
39) Acenaphthene-d10	14.366	164	678608	20.000	ng	-0.01
64) Phenanthrene-d10	17.183	188	1446553	20.000	ng	0.00
76) Chrysene-d12	21.630	240	1441943	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1267584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1831447	120.698	ng	0.00
7) Phenol-d6	6.955	99	2313061	114.685	ng	0.00
23) Nitrobenzene-d5	8.896	82	1549564	68.758	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	1023233	120.888	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	3501175	68.697	ng	0.00
79) Terphenyl-d14	19.901	244	5979114	74.596	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	181406	28.485	ng	98
3) Pyridine	3.702	79	521399	29.733	ng	97
4) n-Nitrosodimethylamine	3.608	42	298828	36.113	ng	98
6) Aniline	7.084	93	760641	27.473	ng	100
8) 2-Chlorophenol	7.331	128	685029	41.152	ng	100
9) Benzaldehyde	6.902	77	337805	27.944	ng	99
10) Phenol	6.978	94	858817	40.383	ng	99
11) bis(2-Chloroethyl)ether	7.178	93	661848	38.736	ng	97
12) 1,3-Dichlorobenzene	7.643	146	709975	37.475	ng	98
13) 1,4-Dichlorobenzene	7.784	146	730517	37.854	ng	99
14) 1,2-Dichlorobenzene	8.096	146	700433	37.360	ng	100
15) Benzyl Alcohol	7.990	79	634486	38.071	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	1038063	37.151	ng	99
17) 2-Methylphenol	8.207	107	583705	40.710	ng	98
18) Hexachloroethane	8.813	117	279997	37.984	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	529509	37.641	ng	98
20) 3+4-Methylphenols	8.531	107	781549	38.921	ng	99
22) Acetophenone	8.560	105	1069078	40.242	ng	# 99
24) Nitrobenzene	8.937	77	770330	38.102	ng	96
25) Isophorone	9.460	82	1495465	37.753	ng	99
26) 2-Nitrophenol	9.637	139	375490	41.832	ng	95
27) 2,4-Dimethylphenol	9.713	122	645412	40.986	ng	99
28) bis(2-Chloroethoxy)met...	9.925	93	903546	39.460	ng	100
29) 2,4-Dichlorophenol	10.196	162	658757	41.957	ng	99
30) 1,2,4-Trichlorobenzene	10.384	180	689527	38.967	ng	98
31) Naphthalene	10.566	128	2028011	37.834	ng	100
32) Benzoic acid	9.907	122	539761	46.103	ng	97
33) 4-Chloroaniline	10.684	127	489339	21.902	ng	98
34) Hexachlorobutadiene	10.849	225	443146	38.903	ng	100
35) Caprolactam	11.496	113	239642	39.594	ng	97
36) 4-Chloro-3-methylphenol	11.831	107	757495	40.467	ng	97
37) 2-Methylnaphthalene	12.178	142	1319610	38.329	ng	99
38) 1-Methylnaphthalene	12.401	142	1378360	37.544	ng	100
40) 1,2,4,5-Tetrachloroben...	12.548	216	853731	41.517	ng	100
41) Hexachlorocyclopentadiene	12.525	237	807259	72.079	ng	98
43) 2,4,6-Trichlorophenol	12.801	196	559909	41.418	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	621687	41.321	ng	97
46) 1,1'-Biphenyl	13.190	154	2020121	40.556	ng	99
47) 2-Chloronaphthalene	13.237	162	1492114	38.044	ng	99
48) 2-Nitroaniline	13.448	65	528254	40.405	ng	98
49) Acenaphthylene	14.095	152	2543164	39.135	ng	100
50) Dimethylphthalate	13.831	163	2068173	39.919	ng	100
51) 2,6-Dinitrotoluene	13.942	165	453535	41.318	ng	98
52) Acenaphthene	14.437	154	1417295	37.819	ng	99
53) 3-Nitroaniline	14.278	138	343055	29.720	ng	97
54) 2,4-Dinitrophenol	14.507	184	590235	82.540	ng	98
55) Dibenzofuran	14.778	168	2330681	38.159	ng	99
56) 4-Nitrophenol	14.648	139	698252	70.791	ng	96
57) 2,4-Dinitrotoluene	14.748	165	670777	42.940	ng	93
58) Fluorene	15.437	166	1881181	38.733	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.019	232	569607	42.028	ng	95
60) Diethylphthalate	15.207	149	2151765	40.944	ng	99
61) 4-Chlorophenyl-phenyle...	15.425	204	956274	39.068	ng	98
62) 4-Nitroaniline	15.466	138	507539	42.920	ng	98
63) Azobenzene	15.725	77	1976578	38.898	ng	99
65) 4,6-Dinitro-2-methylph...	15.537	198	424493	44.126	ng	91
66) n-Nitrosodiphenylamine	15.654	169	1741142	39.332	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	626672	39.434	ng	98
68) Hexachlorobenzene	16.466	284	708521	39.980	ng	95
69) Atrazine	16.636	200	711277	42.034	ng	98
70) Pentachlorophenol	16.831	266	926430	79.207	ng	99
71) Phenanthrene	17.225	178	3141834	38.288	ng	100
72) Anthracene	17.319	178	3153485	37.876	ng	100
73) Carbazole	17.601	167	3087634	39.890	ng	100
74) Di-n-butylphthalate	18.178	149	3935970	41.436	ng	99
75) Fluoranthene	19.313	202	3836765	38.987	ng	99
77) Benzidine	19.513	184	1446659	34.829	ng	99
78) Pyrene	19.695	202	3923050	40.774	ng	100
80) Butylbenzylphthalate	20.630	149	1891040	44.826	ng	98
81) Benzo(a)anthracene	21.613	228	3952691	40.040	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	1064751	31.193	ng	99
83) Chrysene	21.683	228	3668692	38.986	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	2735087	44.314	ng	100
85) Di-n-octyl phthalate	22.813	149	4935263	44.953	ng	99
87) Indeno(1,2,3-cd)pyrene	28.836	276	3342407	36.259	ng	# 84
88) Benzo(b)fluoranthene	23.918	252	3417214	44.084	ng	99
89) Benzo(k)fluoranthene	24.001	252	3609659	45.635	ng	99
90) Benzo(a)pyrene	24.824	252	3167540	41.727	ng	99
91) Dibenzo(a,h)anthracene	28.895	278	2800818	37.129	ng	98
92) Benzo(g,h,i)perylene	30.006	276	2616223	35.266	ng	99

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

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