

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025175.D
 Acq On : 17 Jul 2025 12:49
 Operator : CG/JU
 Sample : PB168902BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168902BS

Quant Time: Jul 17 13:10:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	561470	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2177726	20.000	ng	0.01
39) Acenaphthene-d10	14.101	164	1387226	20.000	ng	0.01
64) Phenanthrene-d10	16.931	188	2801043	20.000	ng	0.02
76) Chrysene-d12	21.360	240	2810625	20.000	ng	0.02
86) Perylene-d12	24.501	264	3233614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4143295	130.751	ng	0.01
7) Phenol-d6	6.643	99	5050690	122.137	ng	0.01
23) Nitrobenzene-d5	8.578	82	2998588	91.573	ng	0.01
42) 2,4,6-Tribromophenol	15.631	330	2653637	161.928	ng	0.01
45) 2-Fluorobiphenyl	12.707	172	7867477	87.859	ng	0.01
79) Terphenyl-d14	19.677	244	11814441	92.384	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.120	88	458858	37.238	ng	98
3) Pyridine	3.490	79	1268400	37.598	ng	97
4) n-Nitrosodimethylamine	3.402	42	572174	40.057	ng	92
6) Aniline	6.784	93	1803850	46.687	ng	99
8) 2-Chlorophenol	7.019	128	1713818	48.338	ng	99
9) Benzaldehyde	6.602	77	995986	46.118	ng	94
10) Phenol	6.672	94	1939103	46.150	ng	96
11) bis(2-Chloroethyl)ether	6.884	93	1415777	43.782	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1805890	45.511	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1865680	46.439	ng	99
14) 1,2-Dichlorobenzene	7.784	146	1785488	46.200	ng	100
15) Benzyl Alcohol	7.678	79	1293073	46.850	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1791113	42.598	ng	99
17) 2-Methylphenol	7.890	107	1335782	49.352	ng	99
18) Hexachloroethane	8.502	117	635188	48.533	ng	98
19) n-Nitroso-di-n-propyla...	8.243	70	1045303	42.623	ng	96
20) 3+4-Methylphenols	8.213	107	1810219	47.749	ng	99
22) Acetophenone	8.249	105	2247012	43.629	ng	98
24) Nitrobenzene	8.613	77	1542789	46.255	ng	96
25) Isophorone	9.143	82	2978913	48.679	ng	99
26) 2-Nitrophenol	9.313	139	902612	55.233	ng	98
27) 2,4-Dimethylphenol	9.390	122	1549913	67.897	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1891193	45.515	ng	99
29) 2,4-Dichlorophenol	9.854	162	1621241	51.219	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1664790	47.494	ng	98
31) Naphthalene	10.243	128	4856654	43.311	ng	100
32) Benzoic acid	9.549	122	1198794	51.977	ng	94
33) 4-Chloroaniline	10.349	127	1190282	28.443	ng	99
34) Hexachlorobutadiene	10.543	225	992407	49.336	ng	99
35) Caprolactam	11.137	113	325363	30.047	ng	99
36) 4-Chloro-3-methylphenol	11.496	107	1587665	47.998	ng	99
37) 2-Methylnaphthalene	11.866	142	3181709	40.214	ng	100
38) 1-Methylnaphthalene	12.090	142	3307575	42.864	ng	99
40) 1,2,4,5-Tetrachloroben...	12.254	216	1858051	46.604	ng	99
41) Hexachlorocyclopentadiene	12.237	237	2413979	231.804	ng	98
43) 2,4,6-Trichlorophenol	12.496	196	1322414	54.778	ng	99

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44) 2,4,5-Trichlorophenol	12.578	196	1468176	53.663	ng	97
46) 1,1'-Biphenyl	12.913	154	4569256	45.270	ng	100
47) 2-Chloronaphthalene	12.948	162	3497146	46.099	ng	100
48) 2-Nitroaniline	13.154	65	921914	49.517	ng	91
49) Acenaphthylene	13.807	152	5784170	49.817	ng	100
50) Dimethylphthalate	13.560	163	4564760	47.008	ng	99
51) 2,6-Dinitrotoluene	13.672	165	1008344	53.243	ng	95
52) Acenaphthene	14.166	154	3276198	43.778	ng	99
53) 3-Nitroaniline	14.001	138	734128	36.171	ng	99
54) 2,4-Dinitrophenol	14.219	184	1280332	134.402	ng	91
55) Dibenzofuran	14.513	168	5382446	43.581	ng	99
56) 4-Nitrophenol	14.342	139	1940413	103.598	ng	95
57) 2,4-Dinitrotoluene	14.484	165	1445784	51.795	ng	92
58) Fluorene	15.184	166	4315701	45.178	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.748	232	1314323	53.049	ng	95
60) Diethylphthalate	14.972	149	4566940	46.825	ng	99
61) 4-Chlorophenyl-phenyle...	15.184	204	2184634	46.211	ng	98
62) 4-Nitroaniline	15.201	138	1131986	53.190	ng	96
63) Azobenzene	15.484	77	3689981	42.487	ng	96
65) 4,6-Dinitro-2-methylph...	15.266	198	834041	63.407	ng	91
66) n-Nitrosodiphenylamine	15.401	169	3899225	48.642	ng	99
67) 4-Bromophenyl-phenylether	16.101	248	1488999	51.918	ng	100
68) Hexachlorobenzene	16.207	284	1774280	50.615	ng	95
69) Atrazine	16.395	200	1467931	62.492	ng	98
70) Pentachlorophenol	16.572	266	2449161	103.453	ng	99
71) Phenanthrene	16.972	178	6785753	45.338	ng	100
72) Anthracene	17.048	178	6987282	48.661	ng	100
73) Carbazole	17.342	167	6629569	47.221	ng	100
74) Di-n-butylphthalate	17.966	149	8201456	52.458	ng	99
75) Fluoranthene	19.078	202	8035341	45.929	ng	99
77) Benzidine	19.272	184	4776548	96.225	ng	98
78) Pyrene	19.454	202	8296338	47.657	ng	99
80) Butylbenzylphthalate	20.424	149	3632748	53.690	ng	98
81) Benzo(a)anthracene	21.336	228	8167944	47.954	ng	99
82) 3,3'-Dichlorobenzidine	21.277	252	2108818	41.128	ng	100
83) Chrysene	21.407	228	7599975	46.366	ng	100
84) Bis(2-ethylhexyl)phtha...	21.324	149	5346737	58.522	ng	98
85) Di-n-octyl phthalate	22.542	149	9275992	54.434	ng	97
87) Indeno(1,2,3-cd)pyrene	28.071	276	11040297	53.594	ng	99
88) Benzo(b)fluoranthene	23.513	252	8505505	45.191	ng	99
89) Benzo(k)fluoranthene	23.577	252	8646514	46.171	ng	99
90) Benzo(a)pyrene	24.354	252	8361257	52.197	ng	100
91) Dibenzo(a,h)anthracene	28.142	278	9051242	53.155	ng	98
92) Benzo(g,h,i)perylene	29.136	276	8850304	50.313	ng	99

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

