

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
 Data File : BP024925.D
 Acq On : 12 Jun 2025 11:39
 Operator : RC/JU
 Sample : PB168373BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168373BS

Quant Time: Jun 12 12:18:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	265957	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1024494	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	644216	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1195820	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1256172	20.000	ng	0.00
86) Perylene-d12	24.753	264	1457399	20.000	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2402808	150.805	ng	0.00
7) Phenol-d6	6.819	99	2992744	141.962	ng	0.00
23) Nitrobenzene-d5	8.766	82	1865434	88.480	ng	0.00
42) 2,4,6-Tribromophenol	15.783	330	1401017	157.300	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4222019	88.287	ng	0.00
79) Terphenyl-d14	19.783	244	6414314	91.516	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.166	88	265572	37.880	ng 98
3) Pyridine	3.560	79	683402	40.533	ng 99
4) n-Nitrosodimethylamine	3.478	42	319816	46.398	ng 99
6) Aniline	6.948	93	849161	31.564	ng 99
8) 2-Chlorophenol	7.190	128	939252	52.000	ng 100
9) Benzaldehyde	6.766	77	450671	37.089	ng 99
10) Phenol	6.848	94	1109120	51.035	ng 98
11) bis(2-Chloroethyl)ether	7.043	93	814642	47.659	ng 100
12) 1,3-Dichlorobenzene	7.495	146	959047	47.596	ng 99
13) 1,4-Dichlorobenzene	7.643	146	968579	47.640	ng 99
14) 1,2-Dichlorobenzene	7.960	146	933983	46.782	ng 99
15) Benzyl Alcohol	7.860	79	799323	49.404	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1012260	45.246	ng 99
17) 2-Methylphenol	8.072	107	760322	50.100	ng 99
18) Hexachloroethane	8.666	117	364407	47.607	ng 98
19) n-Nitroso-di-n-propyla...	8.413	70	639638	44.632	ng 100
20) 3+4-Methylphenols	8.401	107	1021745	49.348	ng 97
22) Acetophenone	8.431	105	1299471	50.203	ng 98
24) Nitrobenzene	8.807	77	951398	50.795	ng 98
25) Isophorone	9.331	82	1794124	49.101	ng 100
26) 2-Nitrophenol	9.507	139	510305	55.219	ng 98
27) 2,4-Dimethylphenol	9.584	122	849802	53.730	ng 99
28) bis(2-Chloroethoxy)met...	9.801	93	1110718	50.959	ng 99
29) 2,4-Dichlorophenol	10.054	162	847130	55.821	ng 99
30) 1,2,4-Trichlorobenzene	10.248	180	863072	50.423	ng 99
31) Naphthalene	10.431	128	2622359	49.948	ng 100
32) Benzoic acid	9.784	122	606290	56.727	ng 98
33) 4-Chloroaniline	10.554	127	513253	23.334	ng 99
34) Hexachlorobutadiene	10.707	225	542550	52.591	ng 99
35) Caprolactam	11.360	113	277379	49.654	ng 95
36) 4-Chloro-3-methylphenol	11.707	107	922865	52.723	ng 99
37) 2-Methylnaphthalene	12.042	142	1680487	50.461	ng 99
38) 1-Methylnaphthalene	12.266	142	1758486	49.389	ng 98
40) 1,2,4,5-Tetrachloroben...	12.425	216	944450	51.666	ng 99
41) Hexachlorocyclopentadiene	12.395	237	1205994	108.165	ng 99
43) 2,4,6-Trichlorophenol	12.678	196	681857	55.543	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	743393	56.544	ng	98
46) 1,1'-Biphenyl	13.072	154	2383810	50.918	ng	99
47) 2-Chloronaphthalene	13.113	162	1845122	51.278	ng	99
48) 2-Nitroaniline	13.336	65	571529	51.665	ng	94
49) Acenaphthylene	13.972	152	3008682	50.148	ng	99
50) Dimethylphthalate	13.713	163	2379375	50.068	ng	99
51) 2,6-Dinitrotoluene	13.842	165	535727	52.292	ng	98
52) Acenaphthene	14.319	154	1726907	50.231	ng	99
53) 3-Nitroaniline	14.183	138	325574	30.623	ng	96
54) 2,4-Dinitrophenol	14.401	184	678754	100.234	ng	98
55) Dibenzofuran	14.660	168	2744391	49.730	ng	100
56) 4-Nitrophenol	14.536	139	866647	95.185	ng	97
57) 2,4-Dinitrotoluene	14.648	165	750106	52.342	ng	97
58) Fluorene	15.324	166	2237785	50.197	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	646136	55.006	ng	97
60) Diethylphthalate	15.101	149	2450351	51.737	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	1125333	51.627	ng	99
62) 4-Nitroaniline	15.366	138	487590	50.580	ng	97
63) Azobenzene	15.613	77	2188130	50.374	ng	99
65) 4,6-Dinitro-2-methylph...	15.436	198	436463	55.546	ng	98
66) n-Nitrosodiphenylamine	15.542	169	1986191	53.587	ng	99
67) 4-Bromophenyl-phenylether	16.230	248	747760	55.419	ng	98
68) Hexachlorobenzene	16.354	284	904637	55.305	ng	97
69) Atrazine	16.524	200	731293	54.425	ng	97
70) Pentachlorophenol	16.718	266	1112319	131.392	ng	99
71) Phenanthrene	17.101	178	3401344	51.471	ng	99
72) Anthracene	17.195	178	3509950	52.445	ng	99
73) Carbazole	17.483	167	3220300	51.912	ng	99
74) Di-n-butylphthalate	18.065	149	4158916	54.111	ng	100
75) Fluoranthene	19.195	202	3911598	51.070	ng	99
77) Benzidine	19.389	184	1372554	35.279	ng	100
78) Pyrene	19.571	202	4050841	51.617	ng	100
80) Butylbenzylphthalate	20.518	149	1947363	54.173	ng	96
81) Benzo(a)anthracene	21.465	228	4150592	51.661	ng	100
82) 3,3'-Dichlorobenzidine	21.395	252	1058240	33.178	ng	99
83) Chrysene	21.536	228	3887739	51.069	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2884942	56.014	ng	99
85) Di-n-octyl phthalate	22.642	149	5061912	55.760	ng	98
87) Indeno(1,2,3-cd)pyrene	28.465	276	5600962	52.673	ng	# 91
88) Benzo(b)fluoranthene	23.718	252	4494980	53.892	ng	100
89) Benzo(k)fluoranthene	23.789	252	4421428	52.077	ng	100
90) Benzo(a)pyrene	24.600	252	4322758	53.070	ng	99
91) Dibenzo(a,h)anthracene	28.530	278	4568701	52.784	ng	99
92) Benzo(g,h,i)perylene	29.594	276	4501728	52.420	ng	98

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

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