

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024873.D
 Acq On : 09 Jun 2025 12:05
 Operator : RC/JU
 Sample : PB168323BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168323BS

Quant Time: Jun 09 12:32:16 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	7.608	152	251786	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1016039	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	628283	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1189376	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1268867	20.000	ng	0.00
86) Perylene-d12	24.724	264	1547954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2150315	142.554	ng	0.00
7) Phenol-d6	6.819	99	2717026	136.137	ng	0.00
23) Nitrobenzene-d5	8.760	82	1661117	79.445	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1140597	131.309	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3633814	77.914	ng	0.00
79) Terphenyl-d14	19.777	244	5609281	79.230	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	239942	36.151	ng	97
3) Pyridine	3.567	79	632702	39.638	ng	99
4) n-Nitrosodimethylamine	3.478	42	294319	45.102	ng	100
6) Aniline	6.955	93	816918	32.074	ng	100
8) 2-Chlorophenol	7.190	128	832660	48.694	ng	98
9) Benzaldehyde	6.766	77	414614	36.042	ng	98
10) Phenol	6.843	94	1008585	49.021	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	726397	44.889	ng	97
12) 1,3-Dichlorobenzene	7.502	146	833695	43.703	ng	99
13) 1,4-Dichlorobenzene	7.649	146	840877	43.687	ng	99
14) 1,2-Dichlorobenzene	7.955	146	821435	43.460	ng	99
15) Benzyl Alcohol	7.860	79	691313	45.133	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.131	45	912010	43.060	ng	100
17) 2-Methylphenol	8.072	107	681305	47.420	ng	99
18) Hexachloroethane	8.666	117	317537	43.819	ng	97
19) n-Nitroso-di-n-propyla...	8.413	70	568500	41.901	ng	99
20) 3+4-Methylphenols	8.396	107	915040	46.681	ng	96
22) Acetophenone	8.431	105	1160850	45.221	ng	98
24) Nitrobenzene	8.802	77	859288	46.259	ng	100
25) Isophorone	9.325	82	1564267	43.167	ng	100
26) 2-Nitrophenol	9.507	139	433908	47.343	ng	100
27) 2,4-Dimethylphenol	9.578	122	754390	48.094	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	977653	45.227	ng	99
29) 2,4-Dichlorophenol	10.054	162	741425	49.263	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	756797	44.582	ng	100
31) Naphthalene	10.431	128	2358732	45.301	ng	99
32) Benzoic acid	9.766	122	501882	47.349	ng	99
33) 4-Chloroaniline	10.554	127	443141	20.314	ng	99
34) Hexachlorobutadiene	10.707	225	459112	44.873	ng	99
35) Caprolactam	11.349	113	252952	45.658	ng	92
36) 4-Chloro-3-methylphenol	11.696	107	820968	47.292	ng	100
37) 2-Methylnaphthalene	12.048	142	1487861	45.048	ng	99
38) 1-Methylnaphthalene	12.266	142	1560851	44.203	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	822077	46.112	ng	99
41) Hexachlorocyclopentadiene	12.390	237	1097762	100.954	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	577250	48.214	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	635990	49.602	ng	98
46) 1,1'-Biphenyl	13.066	154	2093200	45.844	ng	100
47) 2-Chloronaphthalene	13.107	162	1620819	46.187	ng	99
48) 2-Nitroaniline	13.331	65	521042	48.295	ng	99
49) Acenaphthylene	13.972	152	2661012	45.478	ng	100
50) Dimethylphthalate	13.707	163	2077480	44.824	ng	100
51) 2,6-Dinitrotoluene	13.837	165	461134	46.153	ng	100
52) Acenaphthene	14.313	154	1516438	45.227	ng	99
53) 3-Nitroaniline	14.178	138	268082	25.855	ng	92
54) 2,4-Dinitrophenol	14.390	184	594890	90.641	ng	98
55) Dibenzofuran	14.654	168	2381540	44.250	ng	97
56) 4-Nitrophenol	14.531	139	809101	91.350	ng	97
57) 2,4-Dinitrotoluene	14.637	165	656655	46.983	ng	97
58) Fluorene	15.319	166	1942620	44.681	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	537424	46.912	ng	100
60) Diethylphthalate	15.101	149	2045901	44.293	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	938236	44.135	ng	99
62) 4-Nitroaniline	15.360	138	424134	45.113	ng	98
63) Azobenzene	15.607	77	1915956	45.227	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	378653	48.450	ng	94
66) n-Nitrosodiphenylamine	15.542	169	1726506	46.833	ng	99
67) 4-Bromophenyl-phenylether	16.231	248	614107	45.760	ng	98
68) Hexachlorobenzene	16.342	284	742281	45.626	ng	100
69) Atrazine	16.525	200	624545	46.732	ng	99
70) Pentachlorophenol	16.713	266	905521	107.544	ng	99
71) Phenanthrene	17.107	178	3008256	45.769	ng	99
72) Anthracene	17.195	178	3062015	46.000	ng	100
73) Carbazole	17.489	167	2922226	47.362	ng	99
74) Di-n-butylphthalate	18.072	149	3522628	46.080	ng	100
75) Fluoranthene	19.189	202	3495628	45.886	ng	100
77) Benzidine	19.389	184	1601949	40.763	ng	100
78) Pyrene	19.566	202	3666214	46.249	ng	100
80) Butylbenzylphthalate	20.513	149	1686399	46.444	ng	98
81) Benzo(a)anthracene	21.472	228	3780920	46.589	ng	99
82) 3,3'-Dichlorobenzidine	21.395	252	850267	26.391	ng	97
83) Chrysene	21.530	228	3570095	46.428	ng	100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2473280	47.541	ng	99
85) Di-n-octyl phthalate	22.642	149	4412263	48.117	ng	100
87) Indeno(1,2,3-cd)pyrene	28.389	276	5348458	47.356	ng	# 93
88) Benzo(b)fluoranthene	23.713	252	4190360	47.301	ng	100
89) Benzo(k)fluoranthene	23.771	252	4281583	47.480	ng	100
90) Benzo(a)pyrene	24.577	252	4126678	47.699	ng	100
91) Dibenzo(a,h)anthracene	28.465	278	4377382	47.615	ng	99
92) Benzo(g,h,i)perylene	29.553	276	4343110	47.614	ng	99

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

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