

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
 Data File : BP024636.D
 Acq On : 15 May 2025 13:53
 Operator : RC/JU
 Sample : PB167973BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167973BS

Quant Time: May 15 14:53:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	131081	20.000	ng	-0.02
21) Naphthalene-d8	10.422	136	537517	20.000	ng	-0.01
39) Acenaphthene-d10	14.298	164	347277	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	706031	20.000	ng	0.00
76) Chrysene-d12	21.533	240	796554	20.000	ng	0.01
86) Perylene-d12	24.827	264	897451	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	1028325	134.178	ng	-0.01
7) Phenol-d6	6.840	99	1300659	132.975	ng	-0.01
23) Nitrobenzene-d5	8.799	82	806449	75.806	ng	-0.01
42) 2,4,6-Tribromophenol	15.816	330	789015	134.019	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1973979	74.470	ng	0.00
79) Terphenyl-d14	19.827	244	3529175	75.970	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	121131	33.659	ng	98
3) Pyridine	3.605	79	290510	36.406	ng	97
4) n-Nitrosodimethylamine	3.516	42	145603	41.331	ng	94
6) Aniline	6.987	93	371995	29.457	ng	99
8) 2-Chlorophenol	7.228	128	398786	45.837	ng	99
9) Benzaldehyde	6.799	77	230797	36.451	ng	95
10) Phenol	6.869	94	467973	46.355	ng	100
11) bis(2-Chloroethyl)ether	7.081	93	326477	39.356	ng	98
12) 1,3-Dichlorobenzene	7.540	146	410853	41.046	ng	99
13) 1,4-Dichlorobenzene	7.681	146	413519	41.075	ng	99
14) 1,2-Dichlorobenzene	7.999	146	399364	40.711	ng	100
15) Benzyl Alcohol	7.893	79	332118	44.682	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.163	45	395746	39.836	ng	99
17) 2-Methylphenol	8.099	107	329941	45.567	ng	98
18) Hexachloroethane	8.710	117	157764	40.894	ng	96
19) n-Nitroso-di-n-propyla...	8.452	70	270905	40.039	ng	99
20) 3+4-Methylphenols	8.422	107	451573	45.848	ng	99
22) Acetophenone	8.463	105	567593	42.273	ng	100
24) Nitrobenzene	8.840	77	404402	43.197	ng	99
25) Isophorone	9.357	82	767868	41.611	ng	99
26) 2-Nitrophenol	9.540	139	212672	46.359	ng	97
27) 2,4-Dimethylphenol	9.610	122	380304	47.020	ng	99
28) bis(2-Chloroethoxy)met...	9.840	93	467255	42.382	ng	99
29) 2,4-Dichlorophenol	10.087	162	382143	48.756	ng	98
30) 1,2,4-Trichlorobenzene	10.287	180	381129	43.151	ng	98
31) Naphthalene	10.475	128	1179733	42.353	ng	99
32) Benzoic acid	9.775	122	262342	46.811	ng	99
33) 4-Chloroaniline	10.593	127	215778	19.197	ng	100
34) Hexachlorobutadiene	10.757	225	244032	42.650	ng	98
35) Caprolactam	11.381	113	128809	45.423	ng	97
36) 4-Chloro-3-methylphenol	11.728	107	416701	43.596	ng	100
37) 2-Methylnaphthalene	12.087	142	759040	42.084	ng	99
38) 1-Methylnaphthalene	12.310	142	813878	42.174	ng	100
40) 1,2,4,5-Tetrachloroben...	12.463	216	439636	43.595	ng	99
41) Hexachlorocyclopentadiene	12.440	237	618099	101.081	ng	97
43) 2,4,6-Trichlorophenol	12.710	196	317048	48.539	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.787	196	355418	48.883	ng	98
46) 1,1'-Biphenyl	13.110	154	1087547	42.370	ng	99
47) 2-Chloronaphthalene	13.157	162	830827	42.452	ng	100
48) 2-Nitroaniline	13.369	65	261668	45.161	ng	98
49) Acenaphthylene	14.016	152	1399482	42.731	ng	100
50) Dimethylphthalate	13.757	163	1142335	43.156	ng	100
51) 2,6-Dinitrotoluene	13.869	165	252742	45.211	ng	97
52) Acenaphthene	14.363	154	813698	43.217	ng	99
53) 3-Nitroaniline	14.210	138	171345	30.018	ng	98
54) 2,4-Dinitrophenol	14.428	184	327717	91.929	ng	97
55) Dibenzofuran	14.698	168	1314124	43.757	ng	99
56) 4-Nitrophenol	14.545	139	454745	91.385	ng	98
57) 2,4-Dinitrotoluene	14.675	165	364632	46.266	ng	98
58) Fluorene	15.363	166	1086996	44.389	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	316831	46.974	ng	100
60) Diethylphthalate	15.139	149	1184435	44.273	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	542996	44.463	ng	98
62) 4-Nitroaniline	15.404	138	262574	47.641	ng	98
63) Azobenzene	15.657	77	1009501	44.109	ng	98
65) 4,6-Dinitro-2-methylph...	15.463	198	216160	47.398	ng	99
66) n-Nitrosodiphenylamine	15.575	169	961865	44.353	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	372135	44.731	ng	99
68) Hexachlorobenzene	16.392	284	458305	43.353	ng	100
69) Atrazine	16.563	200	368913	46.419	ng	99
70) Pentachlorophenol	16.745	266	625082	105.335	ng	98
71) Phenanthrene	17.139	178	1720387	43.832	ng	100
72) Anthracene	17.233	178	1747224	44.246	ng	99
73) Carbazole	17.516	167	1617275	45.249	ng	100
74) Di-n-butylphthalate	18.110	149	2121998	46.164	ng	99
75) Fluoranthene	19.227	202	2040733	44.480	ng	100
77) Benzidine	19.427	184	994653	45.847	ng	99
78) Pyrene	19.604	202	2127702	44.580	ng	100
80) Butylbenzylphthalate	20.563	149	1012695	47.709	ng	97
81) Benzo(a)anthracene	21.516	228	2231437	44.614	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	558851	30.082	ng	99
83) Chrysene	21.586	228	2076892	43.804	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1465106	46.960	ng	99
85) Di-n-octyl phthalate	22.710	149	2468875	48.391	ng	100
87) Indeno(1,2,3-cd)pyrene	28.550	276	3039943m	46.398	ng	
88) Benzo(b)fluoranthene	23.786	252	2337855	45.511	ng	99
89) Benzo(k)fluoranthene	23.857	252	2439419	46.086	ng	100
90) Benzo(a)pyrene	24.674	252	2298890	46.597	ng	99
91) Dibenzo(a,h)anthracene	28.627	278	2519774	47.273	ng	99
92) Benzo(g,h,i)perylene	29.715	276	2499215	47.150	ng	99

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

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