

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025016.D
 Acq On : 20 Jun 2025 13:32
 Operator : RC/JU
 Sample : PB168536BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168536BS

Quant Time: Jun 20 13:55:20 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	7.602	152	279215	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1102890	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	728783	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1461908	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1490322	20.000	ng	0.00
86) Perylene-d12	24.760	264	1672131	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2431903	145.384	ng	0.00
7) Phenol-d6	6.814	99	3053205	137.953	ng	0.00
23) Nitrobenzene-d5	8.761	82	1795145	79.094	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1551657	153.998	ng	0.00
45) 2-Fluorobiphenyl	12.849	172	4360659	80.605	ng	-0.01
79) Terphenyl-d14	19.783	244	7299212	87.780	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	256032	34.786	ng	98
3) Pyridine	3.561	79	694258	39.222	ng	98
4) n-Nitrosodimethylamine	3.473	42	300976	41.591	ng	96
6) Aniline	6.949	93	1107083	39.197	ng	99
8) 2-Chlorophenol	7.184	128	918782	48.452	ng	98
9) Benzaldehyde	6.761	77	555404	43.538	ng	97
10) Phenol	6.843	94	1090035	47.775	ng	97
11) bis(2-Chloroethyl)ether	7.037	93	798867	44.517	ng	100
12) 1,3-Dichlorobenzene	7.490	146	939033	44.390	ng	99
13) 1,4-Dichlorobenzene	7.637	146	950286	44.521	ng	99
14) 1,2-Dichlorobenzene	7.949	146	917088	43.754	ng	98
15) Benzyl Alcohol	7.855	79	769795	45.320	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.113	45	984583	41.919	ng	97
17) 2-Methylphenol	8.066	107	749476	47.040	ng	98
18) Hexachloroethane	8.661	117	342156	42.578	ng	97
19) n-Nitroso-di-n-propyla...	8.408	70	627487	41.705	ng	98
20) 3+4-Methylphenols	8.396	107	1014215	46.658	ng	96
22) Acetophenone	8.425	105	1268125	45.510	ng	# 98
24) Nitrobenzene	8.802	77	901887	44.729	ng	97
25) Isophorone	9.319	82	1742335	44.294	ng	99
26) 2-Nitrophenol	9.502	139	493010	49.556	ng	97
27) 2,4-Dimethylphenol	9.578	122	844634	49.607	ng	97
28) bis(2-Chloroethoxy)met...	9.790	93	1073031	45.731	ng	# 97
29) 2,4-Dichlorophenol	10.055	162	848345	51.928	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	846903	45.961	ng	98
31) Naphthalene	10.419	128	2615880	46.283	ng	100
32) Benzoic acid	9.790	122	608870	52.919	ng	95
33) 4-Chloroaniline	10.555	127	940199	39.706	ng	99
34) Hexachlorobutadiene	10.696	225	521512	46.958	ng	99
35) Caprolactam	11.366	113	296397	49.287	ng	95
36) 4-Chloro-3-methylphenol	11.707	107	944415	50.119	ng	99
37) 2-Methylnaphthalene	12.043	142	1714813	47.831	ng	99
38) 1-Methylnaphthalene	12.260	142	1787977	46.648	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	958217	46.336	ng	100
41) Hexachlorocyclopentadiene	12.384	237	1027711	81.479	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	690644	49.731	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	769863	51.763	ng	97
46) 1,1'-Biphenyl	13.066	154	2450009	46.259	ng	100
47) 2-Chloronaphthalene	13.113	162	1887247	46.363	ng	99
48) 2-Nitroaniline	13.337	65	579286	46.290	ng	94
49) Acenaphthylene	13.966	152	3138283	46.238	ng	100
50) Dimethylphthalate	13.707	163	2516497	46.809	ng	100
51) 2,6-Dinitrotoluene	13.837	165	561465	48.445	ng	99
52) Acenaphthene	14.313	154	1804477	46.396	ng	99
53) 3-Nitroaniline	14.178	138	483102	40.167	ng	99
54) 2,4-Dinitrophenol	14.413	184	734824	96.161	ng	92
55) Dibenzofuran	14.654	168	2907629	46.574	ng	99
56) 4-Nitrophenol	14.554	139	809905	79.572	ng	97
57) 2,4-Dinitrotoluene	14.648	165	806766	49.763	ng	96
58) Fluorene	15.319	166	2382265	47.237	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	683836	51.460	ng	96
60) Diethylphthalate	15.090	149	2609424	48.702	ng	99
61) 4-Chlorophenyl-phenyle...	15.307	204	1187424	48.154	ng	98
62) 4-Nitroaniline	15.372	138	577631	52.967	ng	92
63) Azobenzene	15.607	77	2263191	46.057	ng	96
65) 4,6-Dinitro-2-methylph...	15.437	198	478428	49.805	ng	99
66) n-Nitrosodiphenylamine	15.537	169	2133205	47.078	ng	100
67) 4-Bromophenyl-phenylether	16.225	248	801289	48.577	ng	99
68) Hexachlorobenzene	16.348	284	964595	48.237	ng	97
69) Atrazine	16.519	200	819580	49.894	ng	99
70) Pentachlorophenol	16.719	266	1198585	115.813	ng	99
71) Phenanthrene	17.095	178	3741887	46.318	ng	99
72) Anthracene	17.195	178	3840439	46.938	ng	100
73) Carbazole	17.484	167	3630795	47.876	ng	100
74) Di-n-butylphthalate	18.060	149	4577839	48.720	ng	99
75) Fluoranthene	19.189	202	4507325	48.137	ng	99
77) Benzidine	19.389	184	2784935	60.336	ng	100
78) Pyrene	19.566	202	4596130	49.364	ng	100
80) Butylbenzylphthalate	20.507	149	2127528	49.886	ng	99
81) Benzo(a)anthracene	21.472	228	4534460	47.572	ng	100
82) 3,3'-Dichlorobenzidine	21.395	252	1497817	39.581	ng	99
83) Chrysene	21.536	228	4338719	48.039	ng	99
84) Bis(2-ethylhexyl)phtha...	21.389	149	3056406	50.020	ng	99
85) Di-n-octyl phthalate	22.630	149	5101745	47.369	ng	98
87) Indeno(1,2,3-cd)pyrene	28.483	276	5998051	49.163	ng	# 88
88) Benzo(b)fluoranthene	23.724	252	4616222	48.238	ng	100
89) Benzo(k)fluoranthene	23.789	252	4814825	49.428	ng	99
90) Benzo(a)pyrene	24.601	252	4470051	47.831	ng	99
91) Dibenzo(a,h)anthracene	28.548	278	4921879	49.562	ng	100
92) Benzo(g,h,i)perylene	29.642	276	4797623	48.691	ng	99

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

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