

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
 Data File : BP025862.D
 Acq On : 25 Sep 2025 16:47
 Operator : CG/JU
 Sample : PB169834BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169834BS

Quant Time: Sep 25 17:08:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.748	152	128564	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	498297	20.000	ng	-0.01
39) Acenaphthene-d10	14.366	164	329816	20.000	ng	-0.01
64) Phenanthrene-d10	17.177	188	695295	20.000	ng	0.00
76) Chrysene-d12	21.630	240	752857	20.000	ng	-0.01
86) Perylene-d12	25.006	264	831049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1104465	138.616	ng	0.00
7) Phenol-d6	6.948	99	1387570	131.019	ng	0.00
23) Nitrobenzene-d5	8.895	82	867536	76.797	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	654891	159.194	ng	-0.01
45) 2-Fluorobiphenyl	12.977	172	2050890	82.797	ng	-0.01
79) Terphenyl-d14	19.901	244	3551362	84.861	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	121682	36.387	ng	95
3) Pyridine	3.701	79	350214	38.033	ng	92
4) n-Nitrosodimethylamine	3.607	42	165796	38.157	ng	86
6) Aniline	7.084	93	496278	34.136	ng	99
8) 2-Chlorophenol	7.331	128	419285	47.968	ng	96
9) Benzaldehyde	6.901	77	244928	38.585	ng	98
10) Phenol	6.978	94	524940	47.007	ng	95
11) bis(2-Chloroethyl)ether	7.178	93	395705	44.105	ng	95
12) 1,3-Dichlorobenzene	7.637	146	449010	45.134	ng	98
13) 1,4-Dichlorobenzene	7.778	146	460982	45.490	ng	99
14) 1,2-Dichlorobenzene	8.095	146	441324	44.829	ng	99
15) Benzyl Alcohol	7.995	79	390006	44.565	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	564125	38.448	ng	96
17) 2-Methylphenol	8.201	107	355286	47.189	ng	98
18) Hexachloroethane	8.813	117	171033	44.186	ng	97
19) n-Nitroso-di-n-propyla...	8.542	70	309652	41.920	ng	94
20) 3+4-Methylphenols	8.531	107	478155	45.348	ng	98
22) Acetophenone	8.560	105	689963	51.813	ng	97
24) Nitrobenzene	8.937	77	455673	44.965	ng	96
25) Isophorone	9.460	82	869375	43.785	ng	99
26) 2-Nitrophenol	9.642	139	229911	51.099	ng	90
27) 2,4-Dimethylphenol	9.707	122	391709	49.625	ng	99
28) bis(2-Chloroethoxy)met...	9.925	93	525625	45.796	ng	99
29) 2,4-Dichlorophenol	10.195	162	405020	51.463	ng	98
30) 1,2,4-Trichlorobenzene	10.378	180	427880	48.241	ng	98
31) Naphthalene	10.572	128	1233456	45.907	ng	100
32) Benzoic acid	9.895	122	337144	57.449	ng	99
33) 4-Chloroaniline	10.678	127	350637	31.310	ng	99
34) Hexachlorobutadiene	10.848	225	287424	50.339	ng	99
35) Caprolactam	11.483	113	136207	44.897	ng	87
36) 4-Chloro-3-methylphenol	11.830	107	458867	48.905	ng	97
37) 2-Methylnaphthalene	12.178	142	805809	46.694	ng	99
38) 1-Methylnaphthalene	12.395	142	837279	45.498	ng	99
40) 1,2,4,5-Tetrachloroben...	12.548	216	561743	56.206	ng	99
41) Hexachlorocyclopentadiene	12.525	237	530447	97.450	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	346324	52.711	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	379843	51.946	ng	95
46) 1,1'-Biphenyl	13.189	154	1295843	53.528	ng	99
47) 2-Chloronaphthalene	13.236	162	904857	47.470	ng	99
48) 2-Nitroaniline	13.448	65	293717	46.224	ng	90
49) Acenaphthylene	14.083	152	1540130	48.764	ng	100
50) Dimethylphthalate	13.824	163	1202704	47.764	ng	99
51) 2,6-Dinitrotoluene	13.942	165	267025	50.053	ng	95
52) Acenaphthene	14.430	154	845898	46.442	ng	99
53) 3-Nitroaniline	14.289	138	210210	37.470	ng	98
54) 2,4-Dinitrophenol	14.507	184	326061	93.159	ng	97
55) Dibenzofuran	14.777	168	1403644	47.284	ng	99
56) 4-Nitrophenol	14.660	139	373586	77.478	ng	94
57) 2,4-Dinitrotoluene	14.754	165	386961	50.968	ng	90
58) Fluorene	15.436	166	1147258	48.602	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.024	232	346159	52.552	ng	93
60) Diethylphthalate	15.213	149	1236009	48.392	ng	99
61) 4-Chlorophenyl-phenyle...	15.430	204	593466	49.886	ng	97
62) 4-Nitroaniline	15.471	138	285016	49.591	ng	96
63) Azobenzene	15.730	77	1096204	44.386	ng	97
65) 4,6-Dinitro-2-methylph...	15.536	198	236960	51.246	ng	85
66) n-Nitrosodiphenylamine	15.660	169	1023204	48.088	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	392989	51.449	ng	98
68) Hexachlorobenzene	16.471	284	444855	52.224	ng	93
69) Atrazine	16.642	200	404623	49.749	ng	97
70) Pentachlorophenol	16.836	266	582695	103.647	ng	99
71) Phenanthrene	17.224	178	1843738	46.747	ng	99
72) Anthracene	17.324	178	1908459	47.690	ng	100
73) Carbazole	17.607	167	1787791	48.053	ng	99
74) Di-n-butylphthalate	18.183	149	2196885	48.117	ng	99
75) Fluoranthene	19.318	202	2285551	48.318	ng	99
77) Benzidine	19.512	184	1292563	59.603	ng	99
78) Pyrene	19.695	202	2385927	47.496	ng	99
80) Butylbenzylphthalate	20.636	149	1053316	47.822	ng	93
81) Benzo(a)anthracene	21.606	228	2453113	47.595	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	751619	42.174	ng	99
83) Chrysene	21.677	228	2328576	47.394	ng	100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1510913	46.887	ng	100
85) Di-n-octyl phthalate	22.812	149	2706412	47.214	ng	96
87) Indeno(1,2,3-cd)pyrene	28.835	276	2989856	49.472	ng	# 79
88) Benzo(b)fluoranthene	23.924	252	2454085	48.289	ng	98
89) Benzo(k)fluoranthene	23.995	252	2498831	48.185	ng	99
90) Benzo(a)pyrene	24.830	252	2335045	46.918	ng	99
91) Dibenzo(a,h)anthracene	28.900	278	2470674	49.957	ng	96
92) Benzo(g,h,i)perylene	30.030	276	2410379	49.559	ng	98

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

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