

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092625\
 Data File : BP025871.D
 Acq On : 26 Sep 2025 15:45
 Operator : CG/JU
 Sample : PB169858BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169858BS

Quant Time: Sep 26 16:17:02 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	7.743	152	160355	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	612100	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	410962	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	836314	20.000	ng	0.00
76) Chrysene-d12	21.630	240	888003	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1004725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1187530	119.493	ng	0.00
7) Phenol-d6	6.949	99	1459169	110.464	ng	0.00
23) Nitrobenzene-d5	8.890	82	924409	66.618	ng	-0.01
42) 2,4,6-Tribromophenol	15.889	330	699413	136.446	ng	-0.02
45) 2-Fluorobiphenyl	12.972	172	2218294	71.872	ng	-0.02
79) Terphenyl-d14	19.901	244	3789269	76.766	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	129978	31.162	ng	95
3) Pyridine	3.702	79	368940	32.123	ng	93
4) n-Nitrosodimethylamine	3.608	42	171063	31.564	ng	82
6) Aniline	7.084	93	477620	26.340	ng	97
8) 2-Chlorophenol	7.325	128	442549	40.592	ng	97
9) Benzaldehyde	6.902	77	244818	30.921	ng	96
10) Phenol	6.972	94	543257	39.003	ng	97
11) bis(2-Chloroethyl)ether	7.172	93	417060	37.269	ng	93
12) 1,3-Dichlorobenzene	7.637	146	483738	38.985	ng	97
13) 1,4-Dichlorobenzene	7.778	146	497262	39.342	ng	99
14) 1,2-Dichlorobenzene	8.090	146	476497	38.806	ng	100
15) Benzyl Alcohol	7.990	79	400497	36.691	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.260	45	582829	31.848	ng	97
17) 2-Methylphenol	8.202	107	367363	39.120	ng	99
18) Hexachloroethane	8.807	117	186722	38.676	ng	95
19) n-Nitroso-di-n-propyla...	8.543	70	324976	35.272	ng	92
20) 3+4-Methylphenols	8.525	107	497369	37.818	ng	98
22) Acetophenone	8.560	105	719463	43.983	ng	# 96
24) Nitrobenzene	8.931	77	472138	37.927	ng	98
25) Isophorone	9.455	82	910130	37.315	ng	99
26) 2-Nitrophenol	9.631	139	244651	44.265	ng	92
27) 2,4-Dimethylphenol	9.707	122	406161	41.889	ng	99
28) bis(2-Chloroethoxy)met...	9.925	93	556250	39.454	ng	99
29) 2,4-Dichlorophenol	10.190	162	423687	43.826	ng	98
30) 1,2,4-Trichlorobenzene	10.378	180	462850	42.482	ng	98
31) Naphthalene	10.560	128	1312727	39.774	ng	99
32) Benzoic acid	9.896	122	350270	48.589	ng	97
33) 4-Chloroaniline	10.684	127	281269	20.446	ng	97
34) Hexachlorobutadiene	10.843	225	311594	44.426	ng	99
35) Caprolactam	11.484	113	141786	38.046	ng	89
36) 4-Chloro-3-methylphenol	11.825	107	465525	40.390	ng	99
37) 2-Methylnaphthalene	12.172	142	849194	40.059	ng	99
38) 1-Methylnaphthalene	12.390	142	876297	38.765	ng	98
40) 1,2,4,5-Tetrachloroben...	12.543	216	603941	48.497	ng	98
41) Hexachlorocyclopentadiene	12.513	237	588081	86.706	ng	97
43) 2,4,6-Trichlorophenol	12.796	196	360436	44.027	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	394983	43.351	ng	97
46) 1,1'-Biphenyl	13.184	154	1353668	44.876	ng	99
47) 2-Chloronaphthalene	13.231	162	964825	40.621	ng	98
48) 2-Nitroaniline	13.443	65	292612	36.958	ng	90
49) Acenaphthylene	14.090	152	1600243	40.663	ng	100
50) Dimethylphthalate	13.819	163	1261772	40.215	ng	99
51) 2,6-Dinitrotoluene	13.943	165	274143	41.241	ng	90
52) Acenaphthene	14.437	154	872989	38.466	ng	99
53) 3-Nitroaniline	14.284	138	185280	26.505	ng	99
54) 2,4-Dinitrophenol	14.501	184	345596	79.964	ng	94
55) Dibenzofuran	14.778	168	1478021	39.958	ng	99
56) 4-Nitrophenol	14.648	139	357200	60.495	ng	97
57) 2,4-Dinitrotoluene	14.754	165	405083	42.820	ng	87
58) Fluorene	15.437	166	1179742	40.110	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	359513	43.802	ng	94
60) Diethylphthalate	15.201	149	1292569	40.614	ng	99
61) 4-Chlorophenyl-phenyle...	15.425	204	623217	42.043	ng	97
62) 4-Nitroaniline	15.472	138	278214	38.850	ng	96
63) Azobenzene	15.725	77	1125591	36.577	ng	95
65) 4,6-Dinitro-2-methylph...	15.537	198	249592	44.876	ng	88
66) n-Nitrosodiphenylamine	15.648	169	1060723	41.445	ng	99
67) 4-Bromophenyl-phenylether	16.342	248	412593	44.907	ng	95
68) Hexachlorobenzene	16.466	284	481087	46.955	ng	# 88
69) Atrazine	16.625	200	430750	44.031	ng	98
70) Pentachlorophenol	16.831	266	598454	88.500	ng	99
71) Phenanthrene	17.225	178	1894846	39.941	ng	100
72) Anthracene	17.313	178	1954971	40.615	ng	99
73) Carbazole	17.601	167	1835937	41.026	ng	99
74) Di-n-butylphthalate	18.178	149	2342560	42.656	ng	99
75) Fluoranthene	19.313	202	2392514	42.050	ng	98
77) Benzidine	19.513	184	1108126	43.321	ng	99
78) Pyrene	19.683	202	2449473	41.340	ng	99
80) Butylbenzylphthalate	20.630	149	1097501	42.244	ng	98
81) Benzo(a)anthracene	21.613	228	2545090	41.864	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	690359	32.842	ng	99
83) Chrysene	21.677	228	2338559	40.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1626230	42.785	ng	98
85) Di-n-octyl phthalate	22.807	149	2914197	43.102	ng	96
87) Indeno(1,2,3-cd)pyrene	28.842	276	3164069	43.304	ng	# 79
88) Benzo(b)fluoranthene	23.936	252	2541550	41.366	ng	98
89) Benzo(k)fluoranthene	24.007	252	2643999	42.172	ng	99
90) Benzo(a)pyrene	24.842	252	2465193	40.971	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	2605063	43.569	ng	96
92) Benzo(g,h,i)perylene	30.030	276	2532589	43.070	ng	98

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

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