

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025732.D
 Acq On : 11 Sep 2025 14:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Sep 11 16:26:30 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 16:16:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	156685	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	657507	20.000	ng	0.00
39) Acenaphthene-d10	14.384	164	457251	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	963896	20.000	ng	0.00
76) Chrysene-d12	21.642	240	964091	20.000	ng	0.00
86) Perylene-d12	24.995	264	1072676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1519863	156.516	ng	0.00
7) Phenol-d6	6.949	99	2060064	159.607	ng	0.00
23) Nitrobenzene-d5	8.908	82	2312828	155.163	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	901504	158.067	ng	0.00
45) 2-Fluorobiphenyl	12.996	172	4820104	140.360	ng	0.00
79) Terphenyl-d14	19.913	244	7841805	146.328	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	293942	72.123	ng	100
3) Pyridine	3.708	79	864675	77.049	ng	97
4) n-Nitrosodimethylamine	3.614	42	406094	76.687	ng	100
6) Aniline	7.096	93	1418325	80.049	ng	99
8) 2-Chlorophenol	7.337	128	852861	80.059	ng	99
9) Benzaldehyde	6.914	77	614881	79.569	ng	100
10) Phenol	6.972	94	1090983	80.162	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	855627	78.251	ng	98
12) 1,3-Dichlorobenzene	7.649	146	917305	75.659	ng	97
13) 1,4-Dichlorobenzene	7.796	146	935253	75.728	ng	99
14) 1,2-Dichlorobenzene	8.108	146	905715	75.489	ng	99
15) Benzyl Alcohol	8.002	79	865116	81.113	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	1365629	76.370	ng	99
17) 2-Methylphenol	8.208	107	747211	81.433	ng	100
18) Hexachloroethane	8.825	117	362679	76.881	ng	96
19) n-Nitroso-di-n-propyla...	8.560	70	721517	81.103	ng	99
20) 3+4-Methylphenols	8.531	107	1023340	79.634	ng	99
22) Acetophenone	8.572	105	1366991	77.798	ng	# 98
24) Nitrobenzene	8.949	77	1052990	78.746	ng	98
25) Isophorone	9.484	82	2070061	79.012	ng	100
26) 2-Nitrophenol	9.649	139	504228	84.931	ng	96
27) 2,4-Dimethylphenol	9.713	122	842469	80.887	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	1190837	78.631	ng	99
29) 2,4-Dichlorophenol	10.190	162	850329	81.883	ng	99
30) 1,2,4-Trichlorobenzene	10.390	180	902735	77.134	ng	99
31) Naphthalene	10.578	128	2657135	74.948	ng	99
32) Benzoic acid	9.925	122	680741	87.910	ng	98
33) 4-Chloroaniline	10.684	127	1237939	83.774	ng	98
34) Hexachlorobutadiene	10.866	225	571616	75.871	ng	100
35) Caprolactam	11.513	113	324639	81.266	ng	96
36) 4-Chloro-3-methylphenol	11.825	107	998570	80.654	ng	96
37) 2-Methylnaphthalene	12.190	142	1750889	76.891	ng	99
38) 1-Methylnaphthalene	12.407	142	1849786	76.178	ng	99
40) 1,2,4,5-Tetrachloroben...	12.554	216	1039713	75.038	ng	100
41) Hexachlorocyclopentadiene	12.537	237	641317	84.983	ng	98
43) 2,4,6-Trichlorophenol	12.807	196	725824	79.683	ng	99

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44) 2,4,5-Trichlorophenol	12.884	196	806956	79.601	ng	97
46) 1,1'-Biphenyl	13.201	154	2497929	74.426	ng	100
47) 2-Chloronaphthalene	13.243	162	1962349	74.255	ng	98
48) 2-Nitroaniline	13.454	65	733091	83.218	ng	97
49) Acenaphthylene	14.107	152	3311359	75.625	ng	99
50) Dimethylphthalate	13.843	163	2615037	74.909	ng	99
51) 2,6-Dinitrotoluene	13.954	165	580821	78.530	ng	100
52) Acenaphthene	14.443	154	1846398	73.121	ng	100
53) 3-Nitroaniline	14.290	138	649230	83.474	ng	100
54) 2,4-Dinitrophenol	14.507	184	382175	79.506	ng	93
55) Dibenzofuran	14.790	168	2999483	72.882	ng	99
56) 4-Nitrophenol	14.625	139	527475	78.823	ng	98
57) 2,4-Dinitrotoluene	14.760	165	853243	81.062	ng	98
58) Fluorene	15.454	166	2363617	72.225	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	722846	79.155	ng	98
60) Diethylphthalate	15.225	149	2678679	75.646	ng	100
61) 4-Chlorophenyl-phenylether	15.442	204	1190470	72.181	ng	97
62) 4-Nitroaniline	15.472	138	667122	83.790	ng	99
63) Azobenzene	15.742	77	2578205	75.299	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	537070	83.783	ng	97
66) n-Nitrosodiphenylamine	15.666	169	2109969	71.530	ng	100
67) 4-Bromophenyl-phenylether	16.354	248	792238	74.816	ng	97
68) Hexachlorobenzene	16.478	284	892102	75.546	ng	96
69) Atrazine	16.648	200	876809	77.763	ng	99
70) Pentachlorophenol	16.837	266	629802	80.808	ng	98
71) Phenanthrene	17.236	178	3960390	72.431	ng	100
72) Anthracene	17.331	178	4027019	72.588	ng	100
73) Carbazole	17.607	167	3852545	74.694	ng	99
74) Di-n-butylphthalate	18.195	149	4705330	74.340	ng	100
75) Fluoranthene	19.325	202	4786922	72.998	ng	100
77) Benzidine	19.519	184	2065703	74.384	ng	100
78) Pyrene	19.701	202	4911699	76.353	ng	100
80) Butylbenzylphthalate	20.642	149	2268963	80.443	ng	98
81) Benzo(a)anthracene	21.619	228	5031313	76.229	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	1705366	74.725	ng	99
83) Chrysene	21.689	228	4667905	74.190	ng	99
84) Bis(2-ethylhexyl)phtha...	21.542	149	3154011	76.431	ng	100
85) Di-n-octyl phthalate	22.824	149	5799888	79.012	ng	100
87) Indeno(1,2,3-cd)pyrene	28.848	276	5948880	76.261	ng	# 84
88) Benzo(b)fluoranthene	23.936	252	5088293	77.570	ng	99
89) Benzo(k)fluoranthene	24.013	252	4938760	73.783	ng	99
90) Benzo(a)pyrene	24.842	252	4896947	76.231	ng	99
91) Dibenzo(a,h)anthracene	28.918	278	4903653	76.817	ng	98
92) Benzo(g,h,i)perylene	30.036	276	4826771	76.886	ng	99

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

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