

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026149.D
 Acq On : 18 Nov 2025 20:00
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:06:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	314197	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1293043	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	796804	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1609780	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1696557	20.000	ng	0.01
86) Perylene-d12	24.924	264	2032089	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2372047	121.142	ng	0.00
7) Phenol-d6	6.855	99	3028199	121.372	ng	0.00
23) Nitrobenzene-d5	8.813	82	2754539	120.813	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	1244554	120.534	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	6333636	115.965	ng	0.00
79) Terphenyl-d14	19.872	244	9339644	112.262	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	476245	59.785	ng	99
3) Pyridine	3.614	79	1382108	60.186	ng	99
4) n-Nitrosodimethylamine	3.520	42	517563	60.473	ng	95
6) Aniline	7.008	93	2004653	60.994	ng	99
8) 2-Chlorophenol	7.243	128	1356198	60.900	ng	99
9) Benzaldehyde	6.819	77	765301	71.224	ng	99
10) Phenol	6.878	94	1642143	61.164	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	1261123	60.197	ng	99
12) 1,3-Dichlorobenzene	7.561	146	1430521	59.655	ng	100
13) 1,4-Dichlorobenzene	7.708	146	1443827	59.788	ng	100
14) 1,2-Dichlorobenzene	8.019	146	1385870	59.657	ng	99
15) Benzyl Alcohol	7.908	79	1096741	60.077	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1745357	58.925	ng	99
17) 2-Methylphenol	8.108	107	1112503	60.841	ng	99
18) Hexachloroethane	8.743	117	525228	59.675	ng	97
19) n-Nitroso-di-n-propyla...	8.472	70	919437	59.177	ng	99
20) 3+4-Methylphenols	8.437	107	1508814	59.338	ng	100
22) Acetophenone	8.484	105	1966749	59.787	ng	# 99
24) Nitrobenzene	8.855	77	1394959	60.453	ng	100
25) Isophorone	9.384	82	2661277	58.787	ng	99
26) 2-Nitrophenol	9.555	139	744625	64.005	ng	99
27) 2,4-Dimethylphenol	9.625	122	1267624	60.144	ng	99
28) bis(2-Chloroethoxy)met...	9.855	93	1650883	58.243	ng	99
29) 2,4-Dichlorophenol	10.090	162	1279059	60.911	ng	99
30) 1,2,4-Trichlorobenzene	10.307	180	1271878	59.435	ng	99
31) Naphthalene	10.496	128	4106445	58.487	ng	99
32) Benzoic acid	9.802	122	1274317	75.148	ng	98
33) 4-Chloroaniline	10.596	127	1774806	59.551	ng	99
34) Hexachlorobutadiene	10.784	225	820866	58.957	ng	99
35) Caprolactam	11.390	113	442308	58.493	ng	99
36) 4-Chloro-3-methylphenol	11.731	107	1333194	59.672	ng	99
37) 2-Methylnaphthalene	12.107	142	2892574	58.205	ng	100
38) 1-Methylnaphthalene	12.331	142	2826038	58.118	ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	1458024	60.722	ng	100
41) Hexachlorocyclopentadiene	12.466	237	999826	63.796	ng	100
43) 2,4,6-Trichlorophenol	12.719	196	1019369	61.691	ng	99

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44) 2,4,5-Trichlorophenol	12.796	196	1129527	61.302	ng	99
46) 1,1'-Biphenyl	13.131	154	3595006	60.111	ng	100
47) 2-Chloronaphthalene	13.172	162	2855986	60.741	ng	100
48) 2-Nitroaniline	13.372	65	833079	63.445	ng	97
49) Acenaphthylene	14.031	152	4662622	59.935	ng	100
50) Dimethylphthalate	13.766	163	3514882	59.198	ng	100
51) 2,6-Dinitrotoluene	13.884	165	748865	63.777	ng	98
52) Acenaphthene	14.384	154	2756036	60.573	ng	100
53) 3-Nitroaniline	14.219	138	878733	63.349	ng	99
54) 2,4-Dinitrophenol	14.419	184	462858	65.711	ng	97
55) Dibenzofuran	14.725	168	4154597	58.432	ng	99
56) 4-Nitrophenol	14.543	139	775308	61.570	ng	99
57) 2,4-Dinitrotoluene	14.684	165	1112352	63.016	ng	99
58) Fluorene	15.390	166	3230615	57.477	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.960	232	945836	60.606	ng	100
60) Diethylphthalate	15.166	149	3494483	58.065	ng	99
61) 4-Chlorophenyl-phenyle...	15.390	204	1609638	57.693	ng	98
62) 4-Nitroaniline	15.407	138	898849	61.908	ng	99
63) Azobenzene	15.690	77	2992722	59.189	ng	99
65) 4,6-Dinitro-2-methylph...	15.466	198	645829	63.752	ng	97
66) n-Nitrosodiphenylamine	15.607	169	2939838	59.025	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	1064991	59.865	ng	98
68) Hexachlorobenzene	16.419	284	1225655	59.631	ng	98
69) Atrazine	16.589	200	1106977	59.021	ng	99
70) Pentachlorophenol	16.766	266	870320	60.353	ng	99
71) Phenanthrene	17.172	178	5259509	57.751	ng	100
72) Anthracene	17.266	178	5478029	58.894	ng	99
73) Carbazole	17.548	167	5069471	57.610	ng	99
74) Di-n-butylphthalate	18.154	149	5907343	56.562	ng	100
75) Fluoranthene	19.266	202	6367611	57.206	ng	100
77) Benzidine	19.466	184	3022349	57.876	ng	100
78) Pyrene	19.642	202	6627085	59.952	ng	99
80) Butylbenzylphthalate	20.607	149	2824354	57.369	ng	99
81) Benzo(a)anthracene	21.566	228	6873070	59.071	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	2496806	59.050	ng	99
83) Chrysene	21.630	228	6511651	59.444	ng	99
84) Bis(2-ethylhexyl)phtha...	21.525	149	4143037	56.063	ng	99
85) Di-n-octyl phthalate	22.813	149	7466824	57.415	ng	99
87) Indeno(1,2,3-cd)pyrene	28.724	276	9332480m	61.647	ng	
88) Benzo(b)fluoranthene	23.877	252	7316006	59.218	ng	99
89) Benzo(k)fluoranthene	23.954	252	7264550	58.835	ng	99
90) Benzo(a)pyrene	24.765	252	6987741	59.626	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	7590692	61.180	ng	99
92) Benzo(g,h,i)perylene	29.883	276	7581255	61.561	ng	99

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

