

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064450.D
 Acq On : 25 Sep 2025 18:45
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:48:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 17:41:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	15620	20.000	ng	0.00
21) Naphthalene-d8	10.629	136	66785	20.000	ng	0.00
39) Acenaphthene-d10	14.466	164	50177	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	125215	20.000	ng	0.00
76) Chrysene-d12	21.434	240	139874	20.000	ng	0.00
86) Perylene-d12	24.430	264	150557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.423	112	70219	85.906	ng	0.00
7) Phenol-d6	7.010	99	98614	88.062	ng	0.00
23) Nitrobenzene-d5	8.990	82	109282	88.680	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	74766	85.352	ng	0.00
45) 2-Fluorobiphenyl	13.091	172	287867	84.716	ng	0.00
79) Terphenyl-d14	19.824	244	609626	85.916	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	14231	41.489	ng	100
3) Pyridine	3.731	79	40161	43.430	ng	100
4) n-Nitrosodimethylamine	3.649	42	29233	41.385	ng	100
6) Aniline	7.168	93	64238	44.299	ng	100
8) 2-Chlorophenol	7.403	128	45815	44.801	ng	100
9) Benzaldehyde	6.980	77	47973	50.330	ng	100
10) Phenol	7.039	94	52736	43.494	ng	100
11) bis(2-Chloroethyl)ether	7.262	93	36174	44.433	ng	100
12) 1,3-Dichlorobenzene	7.726	146	48582	42.383	ng	100
13) 1,4-Dichlorobenzene	7.873	146	51460	43.948	ng	100
14) 1,2-Dichlorobenzene	8.191	146	48481	43.691	ng	100
15) Benzyl Alcohol	8.073	79	45905	43.506	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.361	45	60866	42.877	ng	100
17) 2-Methylphenol	8.279	107	38439	43.884	ng	100
18) Hexachloroethane	8.913	117	19224	43.515	ng	100
19) n-Nitroso-di-n-propyla...	8.637	70	33536	44.306	ng	100
20) 3+4-Methylphenols	8.608	107	52475	42.618	ng	100
22) Acetophenone	8.655	105	70922	44.357	ng	100
24) Nitrobenzene	9.037	77	54080	44.958	ng	100
25) Isophorone	9.554	82	97492	42.757	ng	100
26) 2-Nitrophenol	9.742	139	25769	43.521	ng	100
27) 2,4-Dimethylphenol	9.806	122	42601	44.608	ng	100
28) bis(2-Chloroethoxy)met...	10.036	93	50628	42.979	ng	100
29) 2,4-Dichlorophenol	10.276	162	49209	44.771	ng	100
30) 1,2,4-Trichlorobenzene	10.494	180	51622	43.909	ng	100
31) Naphthalene	10.676	128	149931	43.002	ng	100
32) Benzoic acid	9.953	122	31657m	44.805	ng	
33) 4-Chloroaniline	10.782	127	57495	45.079	ng	100
34) Hexachlorobutadiene	10.964	225	44299	44.236	ng	100
35) Caprolactam	11.551	113	15426	42.536	ng	100
36) 4-Chloro-3-methylphenol	11.910	107	56075	43.042	ng	100
37) 2-Methylnaphthalene	12.286	142	113865	43.250	ng	100
38) 1-Methylnaphthalene	12.503	142	110815	42.838	ng	100
40) 1,2,4,5-Tetrachloroben...	12.656	216	70094	43.832	ng	100
41) Hexachlorocyclopentadiene	12.638	237	36649	43.153	ng	100
43) 2,4,6-Trichlorophenol	12.897	196	45249	43.379	ng	100

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44) 2,4,5-Trichlorophenol	12.973	196	48774	42.178	ng	100
46) 1,1'-Biphenyl	13.296	154	152347	42.682	ng	100
47) 2-Chloronaphthalene	13.338	162	114578	42.235	ng	100
48) 2-Nitroaniline	13.543	65	40740	43.694	ng	100
49) Acenaphthylene	14.184	152	173524	43.085	ng	100
50) Dimethylphthalate	13.925	163	161350	42.092	ng	100
51) 2,6-Dinitrotoluene	14.043	165	35427	44.001	ng	100
52) Acenaphthene	14.530	154	119888	43.497	ng	100
53) 3-Nitroaniline	14.366	138	34151	44.762	ng	100
54) 2,4-Dinitrophenol	14.577	184	22631	42.323	ng	100
55) Dibenzofuran	14.865	168	192093	42.035	ng	100
56) 4-Nitrophenol	14.683	139	26927	43.603	ng	100
57) 2,4-Dinitrotoluene	14.824	165	52729	42.899	ng	100
58) Fluorene	15.511	166	162346	43.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.094	232	50793	44.754	ng	100
60) Diethylphthalate	15.288	149	178543	43.227	ng	100
61) 4-Chlorophenyl-phenyle...	15.506	204	89181	43.291	ng	100
62) 4-Nitroaniline	15.535	138	36479	44.591	ng	100
63) Azobenzene	15.799	77	140272	43.401	ng	100
65) 4,6-Dinitro-2-methylph...	15.594	198	37619	43.859	ng	100
66) n-Nitrosodiphenylamine	15.723	169	140984	42.194	ng	100
67) 4-Bromophenyl-phenylether	16.399	248	63403	43.215	ng	100
68) Hexachlorobenzene	16.516	284	70671	42.326	ng	100
69) Atrazine	16.675	200	64247	42.322	ng	100
70) Pentachlorophenol	16.863	266	44158	43.823	ng	100
71) Phenanthrene	17.251	178	279949	43.014	ng	100
72) Anthracene	17.339	178	278620	42.040	ng	100
73) Carbazole	17.609	167	252665	43.456	ng	100
74) Di-n-butylphthalate	18.173	149	306480	43.093	ng	100
75) Fluoranthene	19.260	202	353132	42.967	ng	100
77) Benzidine	19.442	184	193720	52.897	ng	100
78) Pyrene	19.618	202	372354	42.903	ng	100
80) Butylbenzylphthalate	20.517	149	139596	43.032	ng	100
81) Benzo(a)anthracene	21.416	228	380705	42.509	ng	100
82) 3,3'-Dichlorobenzidine	21.340	252	132191	42.919	ng	100
83) Chrysene	21.481	228	352536	41.565	ng	100
84) Bis(2-ethylhexyl)phtha...	21.340	149	199336	42.657	ng	100
85) Di-n-octyl phthalate	22.474	149	337492	42.486	ng	100
87) Indeno(1,2,3-cd)pyrene	27.809	276	452941	42.567	ng	100
88) Benzo(b)fluoranthene	23.400	252	371712	43.068	ng	100
89) Benzo(k)fluoranthene	23.555	252	368356	42.638	ng	100
90) Benzo(a)pyrene	24.295	252	341781	42.749	ng	100
91) Dibenzo(a,h)anthracene	27.868	278	365777	42.402	ng	100
92) Benzo(g,h,i)perylene	28.866	276	347587	41.955	ng	100

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

