

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143682.D
 Acq On : 09 Sep 2025 12:07
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:27:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	48449	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	183405	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	104999	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	163071	20.000	ng	0.00
76) Chrysene-d12	14.045	240	101826	20.000	ng	0.00
86) Perylene-d12	15.521	264	110033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	336165	118.381	ng	0.00
7) Phenol-d6	6.510	99	410610	118.756	ng	0.00
23) Nitrobenzene-d5	7.457	82	367981	124.798	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	132201	124.936	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	810323	116.581	ng	0.00
79) Terphenyl-d14	12.992	244	712078	113.324	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	74737	59.001	ng	99
3) Pyridine	3.440	79	198056	60.528	ng	98
4) n-Nitrosodimethylamine	3.399	42	75434	60.689	ng	95
6) Aniline	6.557	93	273383	59.698	ng	99
8) 2-Chlorophenol	6.675	128	183451	59.816	ng	97
9) Benzaldehyde	6.445	77	217072	77.812	ng	99
10) Phenol	6.528	94	228547m	59.797	ng	
11) bis(2-Chloroethyl)ether	6.628	93	169430	59.355	ng	99
12) 1,3-Dichlorobenzene	6.834	146	208516	59.447	ng	98
13) 1,4-Dichlorobenzene	6.910	146	209223	59.097	ng	99
14) 1,2-Dichlorobenzene	7.063	146	195044	58.340	ng	98
15) Benzyl Alcohol	7.028	79	151121	60.086	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	218801	58.588	ng	99
17) 2-Methylphenol	7.134	107	150977	61.195	ng	99
18) Hexachloroethane	7.404	117	69370	60.657	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	126221	59.439	ng	98
20) 3+4-Methylphenols	7.292	107	192470	59.242	ng	93
22) Acetophenone	7.304	105	246281	59.456	ng	99
24) Nitrobenzene	7.475	77	185150	60.559	ng	98
25) Isophorone	7.716	82	341781	60.449	ng	100
26) 2-Nitrophenol	7.787	139	96651	64.296	ng	99
27) 2,4-Dimethylphenol	7.822	122	164457	60.941	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	208375	59.970	ng	99
29) 2,4-Dichlorophenol	8.028	162	163963	60.401	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	170361	60.576	ng	99
31) Naphthalene	8.198	128	542906	59.797	ng	99
32) Benzoic acid	7.928	122	114139	69.326	ng	100
33) 4-Chloroaniline	8.239	127	191381	60.550	ng	99
34) Hexachlorobutadiene	8.310	225	111518	60.795	ng	99
35) Caprolactam	8.622	113	44575	61.695	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	162648	60.766	ng	97
37) 2-Methylnaphthalene	8.886	142	369233	59.410	ng	99
38) 1-Methylnaphthalene	8.986	142	354559	59.446	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	180805	60.149	ng	99
41) Hexachlorocyclopentadiene	9.039	237	96156	62.308	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	120659	60.113	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	128683	63.063	ng	98
46) 1,1'-Biphenyl	9.351	154	447425	59.190	ng	99
47) 2-Chloronaphthalene	9.375	162	353378	59.632	ng	99
48) 2-Nitroaniline	9.463	65	97484	62.161	ng	97
49) Acenaphthylene	9.786	152	510762	60.170	ng	100
50) Dimethylphthalate	9.645	163	409629	59.961	ng	100
51) 2,6-Dinitrotoluene	9.710	165	84793	64.917	ng	95
52) Acenaphthene	9.963	154	352828	60.318	ng	98
53) 3-Nitroaniline	9.875	138	87317	62.118	ng	95
54) 2,4-Dinitrophenol	9.975	184	43384	63.017	ng	# 47
55) Dibenzofuran	10.133	168	498267	59.238	ng	99
56) 4-Nitrophenol	10.022	139	69488	62.137	ng	98
57) 2,4-Dinitrotoluene	10.110	165	112245	63.140	ng	97
58) Fluorene	10.475	166	385078	58.485	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	103083	62.301	ng	99
60) Diethylphthalate	10.351	149	383748	59.833	ng	99
61) 4-Chlorophenyl-phenylether	10.469	204	196333	58.796	ng	99
62) 4-Nitroaniline	10.492	138	84033	63.120	ng	98
63) Azobenzene	10.628	77	333443	58.808	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	57061	68.727	ng	98
66) n-Nitrosodiphenylamine	10.586	169	328675	61.524	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	118964	60.496	ng	96
68) Hexachlorobenzene	11.022	284	127479	61.394	ng	97
69) Atrazine	11.110	200	99962	59.678	ng	99
70) Pentachlorophenol	11.210	266	80967	64.505	ng	99
71) Phenanthrene	11.439	178	531231	59.125	ng	99
72) Anthracene	11.486	178	536413	59.374	ng	99
73) Carbazole	11.639	167	437989	59.196	ng	99
74) Di-n-butylphthalate	11.975	149	530871	59.596	ng	100
75) Fluoranthene	12.622	202	469334	56.901	ng	99
77) Benzidine	12.745	184	233493	70.318	ng	99
78) Pyrene	12.851	202	465668	57.197	ng	99
80) Butylbenzylphthalate	13.469	149	166792	65.387	ng	99
81) Benzo(a)anthracene	14.039	228	400644	61.159	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	128699	63.860	ng	98
83) Chrysene	14.074	228	356726	59.457	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	235967	64.833	ng	99
85) Di-n-octyl phthalate	14.639	149	423351	64.910	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	475913	63.374	ng	100
88) Benzo(b)fluoranthene	15.086	252	397168	60.636	ng	99
89) Benzo(k)fluoranthene	15.121	252	357138	60.414	ng	99
90) Benzo(a)pyrene	15.457	252	357533	62.132	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	397881	63.861	ng	100
92) Benzo(g,h,i)perylene	17.468	276	373061	64.015	ng	99

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

