

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090325\
 Data File : BF143631.D
 Acq On : 03 Sep 2025 17:09
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025

Quant Time: Sep 03 18:43:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	91306	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	353718	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	202665	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	317891	20.000	ng	0.00
76) Chrysene-d12	14.057	240	183476	20.000	ng	0.00
86) Perylene-d12	15.527	264	195978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	804493	156.091	ng	0.00
7) Phenol-d6	6.522	99	986565	154.227	ng	0.01
23) Nitrobenzene-d5	7.463	82	892017	177.243	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	292739	172.734	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1770166	139.546	ng	0.00
79) Terphenyl-d14	13.004	244	1608947	146.115	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	190540	78.357	ng	98
3) Pyridine	3.451	79	505140	78.407	ng	98
4) n-Nitrosodimethylamine	3.416	42	212485	79.412	ng	98
6) Aniline	6.563	93	682151	76.611	ng	99
8) 2-Chlorophenol	6.681	128	440481	82.525	ng	99
10) Phenol	6.534	94	557592m	79.505	ng	
11) bis(2-Chloroethyl)ether	6.634	93	417551	76.021	ng	99
12) 1,3-Dichlorobenzene	6.834	146	494207	75.025	ng	100
13) 1,4-Dichlorobenzene	6.910	146	494974	74.918	ng	99
14) 1,2-Dichlorobenzene	7.063	146	470103	75.183	ng	99
15) Benzyl Alcohol	7.034	79	389228	80.077	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	631429	73.043	ng	99
17) 2-Methylphenol	7.139	107	365562	78.333	ng	98
18) Hexachloroethane	7.410	117	166456	80.758	ng	97
19) n-Nitroso-di-n-propyla...	7.322	70	318740	78.246	ng	98
20) 3+4-Methylphenols	7.298	107	447620	76.196	ng	# 89
22) Acetophenone	7.310	105	591437	73.938	ng	98
24) Nitrobenzene	7.481	77	462632	85.972	ng	99
25) Isophorone	7.728	82	892812	78.725	ng	99
26) 2-Nitrophenol	7.792	139	216979	78.246	ng	98
27) 2,4-Dimethylphenol	7.828	122	393326	79.660	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	526031	75.872	ng	99
29) 2,4-Dichlorophenol	8.028	162	397041	81.946	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	400524	75.853	ng	98
31) Naphthalene	8.198	128	1277896	73.861	ng	100
32) Benzoic acid	7.957	122	265261m	82.024	ng	
33) 4-Chloroaniline	8.245	127	453611	75.719	ng	100
34) Hexachlorobutadiene	8.316	225	264172	76.913	ng	98
35) Caprolactam	8.639	113	113121	87.121	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	407130	80.244	ng	99
37) 2-Methylnaphthalene	8.886	142	864047	73.832	ng	100
38) 1-Methylnaphthalene	8.986	142	826930	73.907	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	412090	73.574	ng	100
41) Hexachlorocyclopentadiene	9.039	237	226644	83.329	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	290669	84.231	ng	100
44) 2,4,5-Trichlorophenol	9.204	196	298393	83.757	ng	98

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46) 1,1'-Biphenyl	9.357	154	1039175	72.096	ng	99
47) 2-Chloronaphthalene	9.380	162	834467	73.979	ng	100
48) 2-Nitroaniline	9.469	65	250768	79.706	ng	99
49) Acenaphthylene	9.792	152	1195140	73.519	ng	99
50) Dimethylphthalate	9.651	163	991558	77.266	ng	100
51) 2,6-Dinitrotoluene	9.716	165	193832	80.291	ng	99
52) Acenaphthene	9.969	154	804783	74.009	ng	99
53) 3-Nitroaniline	9.886	138	211435	79.615	ng	95
54) 2,4-Dinitrophenol	9.986	184	85330	78.606	ng	# 1
55) Dibenzofuran	10.139	168	1150138	72.802	ng	100
56) 4-Nitrophenol	10.033	139	171764	90.273	ng	100
57) 2,4-Dinitrotoluene	10.116	165	265148	81.036	ng	99
58) Fluorene	10.480	166	876954	71.765	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	239642	88.572	ng	100
60) Diethylphthalate	10.357	149	932337	76.528	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	439681	72.108	ng	99
62) 4-Nitroaniline	10.504	138	207271	80.252	ng	99
63) Azobenzene	10.633	77	853178	74.294	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	122586	83.315	ng	95
66) n-Nitrosodiphenylamine	10.592	169	778590	75.882	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	286177	77.621	ng	98
68) Hexachlorobenzene	11.027	284	291767	75.338	ng	99
69) Atrazine	11.116	200	246001	80.196	ng	98
70) Pentachlorophenol	11.216	266	191239	87.907	ng	99
71) Phenanthrene	11.445	178	1249566	72.693	ng	99
72) Anthracene	11.498	178	1262659	73.239	ng	99
73) Carbazole	11.645	167	1079203	74.267	ng	100
74) Di-n-butylphthalate	11.974	149	1332184	81.649	ng	100
75) Fluoranthene	12.627	202	1143436	72.429	ng	98
77) Benzidine	12.745	184	261211	62.227	ng	99
78) Pyrene	12.857	202	1140477	75.329	ng	99
80) Butylbenzylphthalate	13.474	149	397137	79.978	ng	98
81) Benzo(a)anthracene	14.045	228	888799	74.790	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	264441	81.629	ng	99
83) Chrysene	14.080	228	816134	76.398	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	556506	80.105	ng	100
85) Di-n-octyl phthalate	14.651	149	990972	91.034	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	1090740	79.836	ng	100
88) Benzo(b)fluoranthene	15.098	252	928415	78.629	ng	99
89) Benzo(k)fluoranthene	15.127	252	763356	74.756	ng	99
90) Benzo(a)pyrene	15.468	252	801003	78.919	ng	100
91) Dibenzo(a,h)anthracene	17.056	278	887188	78.950	ng	99
92) Benzo(g,h,i)perylene	17.492	276	863785	79.796	ng	99

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

