

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090925\
 Data File : BF143672.D
 Acq On : 08 Sep 2025 18:49
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 04:50:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 04:44:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	68859	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	269540	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	152983	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	233592	20.000	ng	0.00
76) Chrysene-d12	14.051	240	143879	20.000	ng	0.00
86) Perylene-d12	15.521	264	156610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	633813	159.112	ng	0.01
7) Phenol-d6	6.522	99	772347	158.880	ng	0.01
23) Nitrobenzene-d5	7.463	82	688547	159.047	ng	0.01
42) 2,4,6-Tribromophenol	10.721	330	242314	156.229	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1432825	146.047	ng	0.01
79) Terphenyl-d14	12.998	244	1254851	142.964	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	139699	78.267	ng	97
3) Pyridine	3.451	79	375160	81.148	ng	98
4) n-Nitrosodimethylamine	3.428	42	145389	81.208	ng	94
6) Aniline	6.563	93	514076	78.663	ng	100
8) 2-Chlorophenol	6.681	128	346291	80.010	ng	99
10) Phenol	6.539	94	438410	79.613	ng	88
11) bis(2-Chloroethyl)ether	6.633	93	319548	79.231	ng	99
12) 1,3-Dichlorobenzene	6.833	146	385442	77.304	ng	99
13) 1,4-Dichlorobenzene	6.910	146	385297	77.109	ng	99
14) 1,2-Dichlorobenzene	7.063	146	369137	78.480	ng	98
15) Benzyl Alcohol	7.039	79	290111	80.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	414837	76.584	ng	99
17) 2-Methylphenol	7.139	107	282793	79.495	ng	100
18) Hexachloroethane	7.404	117	131104	80.599	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	239490	78.873	ng	97
20) 3+4-Methylphenols	7.304	107	353048	77.240	ng	# 85
22) Acetophenone	7.310	105	457985	75.628	ng	# 96
24) Nitrobenzene	7.481	77	352079	79.018	ng	100
25) Isophorone	7.728	82	661642	78.853	ng	100
26) 2-Nitrophenol	7.792	139	185653	86.587	ng	99
27) 2,4-Dimethylphenol	7.828	122	306014	77.809	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	400582	78.147	ng	99
29) 2,4-Dichlorophenol	8.033	162	312053	78.727	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	316587	77.133	ng	99
31) Naphthalene	8.198	128	998071	75.295	ng	100
32) Benzoic acid	7.963	122	205777m	83.961	ng	
33) 4-Chloroaniline	8.245	127	349407	75.181	ng	99
34) Hexachlorobutadiene	8.316	225	210329	78.035	ng	98
35) Caprolactam	8.651	113	86102	79.111	ng	98
36) 4-Chloro-3-methylphenol	8.727	107	307524	77.337	ng	98
37) 2-Methylnaphthalene	8.886	142	683221	74.863	ng	99
38) 1-Methylnaphthalene	8.986	142	651865	74.589	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	329746	76.065	ng	98
41) Hexachlorocyclopentadiene	9.039	237	183151	80.971	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	231814	80.584	ng	98
44) 2,4,5-Trichlorophenol	9.204	196	235337	79.745	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.357	154	824112	74.843	ng	100
47) 2-Chloronaphthalene	9.380	162	654084	76.443	ng	100
48) 2-Nitroaniline	9.469	65	189884	81.468	ng	99
49) Acenaphthylene	9.792	152	925119	75.611	ng	99
50) Dimethylphthalate	9.651	163	772696	77.153	ng	99
51) 2,6-Dinitrotoluene	9.716	165	163488	85.457	ng	97
52) Acenaphthene	9.969	154	642811	76.059	ng	99
53) 3-Nitroaniline	9.886	138	166726	81.615	ng	100
54) 2,4-Dinitrophenol	9.986	184	85622	81.219	ng	# 36
55) Dibenzofuran	10.139	168	902119	74.494	ng	99
56) 4-Nitrophenol	10.033	139	134510	80.680	ng	99
57) 2,4-Dinitrotoluene	10.116	165	209625	82.686	ng	98
58) Fluorene	10.480	166	693161	73.032	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	191279	79.068	ng	100
60) Diethylphthalate	10.357	149	706669	74.919	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	353696	73.804	ng	100
62) 4-Nitroaniline	10.510	138	157105	79.901	ng	98
63) Azobenzene	10.633	77	628456	75.757	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	111114	93.173	ng	98
66) n-Nitrosodiphenylamine	10.592	169	606662	79.735	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	224778	80.450	ng	97
68) Hexachlorobenzene	11.027	284	230745	79.060	ng	100
69) Atrazine	11.116	200	189039	76.758	ng	99
70) Pentachlorophenol	11.216	266	149170	82.260	ng	98
71) Phenanthrene	11.445	178	967879	75.727	ng	99
72) Anthracene	11.492	178	970339	75.222	ng	99
73) Carbazole	11.645	167	802549	74.360	ng	99
74) Di-n-butylphthalate	11.974	149	991921	76.376	ng	100
75) Fluoranthene	12.627	202	850827	71.878	ng	100
77) Benzidine	12.745	184	185871	59.681	ng	100
78) Pyrene	12.857	202	848054	73.408	ng	100
80) Butylbenzylphthalate	13.468	149	307630	84.361	ng	98
81) Benzo(a)anthracene	14.039	228	734276	79.829	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	210022	80.872	ng	98
83) Chrysene	14.080	228	631005	75.246	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	432899	88.182	ng	99
85) Di-n-octyl phthalate	14.645	149	774402	90.536	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	861253	81.539	ng	99
88) Benzo(b)fluoranthene	15.092	252	706432	73.987	ng	99
89) Benzo(k)fluoranthene	15.127	252	647348	77.270	ng	99
90) Benzo(a)pyrene	15.468	252	636119	77.663	ng	100
91) Dibenzo(a,h)anthracene	17.050	278	709027	81.014	ng	98
92) Benzo(g,h,i)perylene	17.486	276	666001	80.452	ng	99

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

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