

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
 Data File : BF143099.D
 Acq On : 15 Jul 2025 16:05
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/16/2025
 Supervised By :Jagrut Upadhyay 07/16/2025

Quant Time: Jul 15 17:41:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:08:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	133949	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	501735	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	246002	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	380313	20.000	ng	0.00
76) Chrysene-d12	14.133	240	205942	20.000	ng	0.00
86) Perylene-d12	15.639	264	260121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	990040	116.776	ng	0.00
7) Phenol-d6	6.593	99	1243617	116.695	ng	0.00
23) Nitrobenzene-d5	7.534	82	1172838	131.129	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	286830	130.765	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1999612	108.050	ng	0.00
79) Terphenyl-d14	13.075	244	1539271	109.260	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	251636	59.625	ng	100
3) Pyridine	3.587	79	647877	60.624	ng	99
4) n-Nitrosodimethylamine	3.534	42	337438	60.943	ng	100
6) Aniline	6.634	93	882633	58.815	ng	100
8) 2-Chlorophenol	6.757	128	516965	60.690	ng	98
9) Benzaldehyde	6.522	77	467499	57.571	ng	99
10) Phenol	6.604	94	680847m	59.015	ng	
11) bis(2-Chloroethyl)ether	6.704	93	518695	58.076	ng	99
12) 1,3-Dichlorobenzene	6.916	146	557813	57.965	ng	99
13) 1,4-Dichlorobenzene	6.987	146	556805	57.513	ng	99
14) 1,2-Dichlorobenzene	7.140	146	530965	57.510	ng	98
15) Benzyl Alcohol	7.104	79	477773	60.505	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.245	45	941009	57.157	ng	99
17) 2-Methylphenol	7.210	107	432787	58.876	ng	99
18) Hexachloroethane	7.487	117	191457	60.747	ng	99
19) n-Nitroso-di-n-propyla...	7.387	70	379882	58.184	ng	98
20) 3+4-Methylphenols	7.369	107	519658	57.645	ng	98
22) Acetophenone	7.375	105	679007	56.141	ng	# 92
24) Nitrobenzene	7.551	77	550668	63.778	ng	99
25) Isophorone	7.793	82	1033650	59.793	ng	100
26) 2-Nitrophenol	7.863	139	219665	62.382	ng	98
27) 2,4-Dimethylphenol	7.898	122	474411	59.127	ng	98
28) bis(2-Chloroethoxy)met...	7.992	93	608314	58.029	ng	100
29) 2,4-Dichlorophenol	8.104	162	408655	62.256	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	431427	57.913	ng	98
31) Naphthalene	8.275	128	1410509	56.612	ng	100
32) Benzoic acid	8.010	122	256755m	62.050	ng	
33) 4-Chloroaniline	8.316	127	574196	57.309	ng	99
34) Hexachlorobutadiene	8.398	225	265081	59.499	ng	99
35) Caprolactam	8.687	113	129583	63.219	ng	97
36) 4-Chloro-3-methylphenol	8.792	107	440907	60.299	ng	98
37) 2-Methylnaphthalene	8.963	142	846190	56.930	ng	100
38) 1-Methylnaphthalene	9.063	142	869460	56.399	ng	100
40) 1,2,4,5-Tetrachloroben...	9.134	216	414099	57.762	ng	99
41) Hexachlorocyclopentadiene	9.122	237	262731	66.101	ng	98
43) 2,4,6-Trichlorophenol	9.239	196	290245	65.157	ng	99

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44) 2,4,5-Trichlorophenol	9.275	196	277922	59.502	ng	99
46) 1,1'-Biphenyl	9.428	154	1103990	56.274	ng	100
47) 2-Chloronaphthalene	9.451	162	826528	57.350	ng	98
48) 2-Nitroaniline	9.539	65	267636	61.259	ng	98
49) Acenaphthylene	9.869	152	1378196	57.388	ng	100
50) Dimethylphthalate	9.728	163	899456	58.118	ng	100
51) 2,6-Dinitrotoluene	9.781	165	193185	62.287	ng	93
52) Acenaphthene	10.045	154	802583	56.633	ng	99
53) 3-Nitroaniline	9.951	138	230773	69.008	ng	96
54) 2,4-Dinitrophenol	10.051	184	66479	61.314	ng	# 4
55) Dibenzofuran	10.216	168	1184002	56.052	ng	100
56) 4-Nitrophenol	10.098	139	174657	65.716	ng	96
57) 2,4-Dinitrotoluene	10.186	165	235488	60.695	ng	99
58) Fluorene	10.557	166	875218	55.265	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	238428	64.235	ng	98
60) Diethylphthalate	10.428	149	876047	58.672	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	432659	57.000	ng	99
62) 4-Nitroaniline	10.563	138	194271	66.802	ng	97
63) Azobenzene	10.704	77	946204	57.300	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	96305	62.285	ng	98
66) n-Nitrosodiphenylamine	10.663	169	781087	58.469	ng	100
67) 4-Bromophenyl-phenylether	11.039	248	260491	60.229	ng	96
68) Hexachlorobenzene	11.110	284	273112	59.515	ng	95
69) Atrazine	11.186	200	211351	61.838	ng	99
70) Pentachlorophenol	11.292	266	165676	65.805	ng	99
71) Phenanthrene	11.516	178	1165047	56.762	ng	99
72) Anthracene	11.569	178	1188635	57.589	ng	100
73) Carbazole	11.716	167	1057291	57.179	ng	100
74) Di-n-butylphthalate	12.051	149	1074246	63.291	ng	100
75) Fluoranthene	12.704	202	1069898	57.328	ng	100
77) Benzidine	12.816	184	380587	54.244	ng	100
78) Pyrene	12.933	202	1060216	55.485	ng	99
80) Butylbenzylphthalate	13.551	149	243805	62.406	ng	98
81) Benzo(a)anthracene	14.122	228	819246	59.697	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	254086	63.758	ng	99
83) Chrysene	14.157	228	758916	60.044	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	364902	61.957	ng	100
85) Di-n-octyl phthalate	14.727	149	688940	60.817	ng	98
87) Indeno(1,2,3-cd)pyrene	17.192	276	1185702	61.286	ng	99
88) Benzo(b)fluoranthene	15.192	252	924866	61.640	ng	100
89) Benzo(k)fluoranthene	15.227	252	827274	57.794	ng	99
90) Benzo(a)pyrene	15.574	252	876856	61.791	ng	100
91) Dibenzo(a,h)anthracene	17.210	278	953666	60.300	ng	99
92) Benzo(g,h,i)perylene	17.657	276	982960	60.962	ng	99

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

