

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
 Data File : BF143768.D
 Acq On : 16 Sep 2025 11:52
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli
 09/17/2025
 Supervised By :Jagrut
 Upadhyay
 09/17/2025

Quant Time: Sep 16 16:05:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 16 15:40:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	8301	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	30207	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	16634	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	26556	20.000	ng	0.00
76) Chrysene-d12	14.063	240	16285	20.000	ng	-0.01
86) Perylene-d12	15.545	264	12900	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	4808	9.247	ng	-0.01
7) Phenol-d6	6.498	99	5945	9.790	ng	-0.03
23) Nitrobenzene-d5	7.445	82	5133	10.055	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	1635	9.745	ng	-0.02
45) 2-Fluorobiphenyl	9.245	172	11561	9.568	ng	-0.01
79) Terphenyl-d14	13.004	244	11726	11.215	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	1224	4.525	ng	# 87
3) Pyridine	3.446	79	2947	4.408	ng	93
6) Aniline	6.546	93	3977	5.010	ng	95
8) 2-Chlorophenol	6.669	128	2789	4.979	ng	98
10) Phenol	6.516	94	3324	4.920	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	2440	4.851	ng	97
12) 1,3-Dichlorobenzene	6.834	146	3419	5.483	ng	88
13) 1,4-Dichlorobenzene	6.910	146	3325	5.383	ng	91
14) 1,2-Dichlorobenzene	7.063	146	3026m	5.207	ng	
16) 2,2'-oxybis(1-Chloropr...	7.157	45	2826	5.045	ng	92
17) 2-Methylphenol	7.128	107	2078	4.951	ng	# 91
18) Hexachloroethane	7.404	117	1057	5.468	ng	# 77
19) n-Nitroso-di-n-propyla...	7.293	70	1650	4.677	ng	# 84
22) Acetophenone	7.293	105	3504	4.913	ng	96
24) Nitrobenzene	7.463	77	2686	5.189	ng	92
25) Isophorone	7.704	82	5075	5.489	ng	# 97
26) 2-Nitrophenol	7.787	139	1193	4.269	ng	91
27) 2,4-Dimethylphenol	7.816	122	2298	5.185	ng	94
28) bis(2-Chloroethoxy)met...	7.916	93	2984	5.178	ng	# 93
29) 2,4-Dichlorophenol	8.022	162	1984	4.560	ng	91
30) 1,2,4-Trichlorobenzene	8.110	180	2345	5.000	ng	87
31) Naphthalene	8.192	128	7831	5.076	ng	98
33) 4-Chloroaniline	8.240	127	2469	4.797	ng	94
34) Hexachlorobutadiene	8.316	225	1577	5.244	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	2317	5.387	ng	# 95
37) 2-Methylnaphthalene	8.887	142	5260	5.274	ng	93
38) 1-Methylnaphthalene	8.987	142	5008	5.144	ng	93
40) 1,2,4,5-Tetrachloroben...	9.051	216	2216	4.417	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	1576	4.653	ng	89
44) 2,4,5-Trichlorophenol	9.192	196	1544	4.563	ng	93
46) 1,1'-Biphenyl	9.351	154	6475	5.067	ng	94
47) 2-Chloronaphthalene	9.375	162	5005	5.031	ng	99
48) 2-Nitroaniline	9.463	65	1262	4.842	ng	89
49) Acenaphthylene	9.787	152	6670	4.771	ng	99
50) Dimethylphthalate	9.639	163	5203	4.759	ng	99
51) 2,6-Dinitrotoluene	9.704	165	990	4.393	ng	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
52) Acenaphthene	9.963	154	4359	4.653	ng	#	95
53) 3-Nitroaniline	9.875	138	1118	4.704	ng	#	97
55) Dibenzofuran	10.134	168	6776	4.980	ng		93
57) 2,4-Dinitrotoluene	10.104	165	1508	4.808	ng	#	94
58) Fluorene	10.475	166	5481	5.152	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.251	232	952	3.673	ng	#	71
60) Diethylphthalate	10.345	149	5097	5.078	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	2736	5.127	ng		95
62) 4-Nitroaniline	10.481	138	1024	4.510	ng		95
63) Azobenzene	10.628	77	4476	5.053	ng		99
66) n-Nitrosodiphenylamine	10.586	169	4536	4.894	ng	#	95
67) 4-Bromophenyl-phenylether	10.963	248	1628	4.962	ng	#	82
68) Hexachlorobenzene	11.028	284	1778	5.093	ng	#	89
69) Atrazine	11.110	200	1226	4.454	ng		98
71) Phenanthrene	11.439	178	7948	5.193	ng		97
72) Anthracene	11.492	178	7959	5.100	ng		96
73) Carbazole	11.645	167	6462	5.079	ng		100
74) Di-n-butylphthalate	11.980	149	7476	4.837	ng	#	98
75) Fluoranthene	12.633	202	7198	5.098	ng		96
78) Pyrene	12.863	202	7820	5.901	ng		97
80) Butylbenzylphthalate	13.480	149	2086	4.555	ng		94
81) Benzo(a)anthracene	14.051	228	5435	5.072	ng		97
83) Chrysene	14.086	228	5167	5.286	ng		95
84) Bis(2-ethylhexyl)phtha...	14.045	149	2969	4.778	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.039	276	4327	5.240	ng	#	93
88) Benzo(b)fluoranthene	15.104	252	4242	5.311	ng	#	92
89) Benzo(k)fluoranthene	15.133	252	3851	5.498	ng		98
90) Benzo(a)pyrene	15.480	252	3670	5.332	ng		95
91) Dibenzo(a,h)anthracene	17.057	278	3020	4.553	ng	#	92
92) Benzo(g,h,i)perylene	17.486	276	3378	5.312	ng		96

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

Manual Integrations APPROVED

09/17/2025

TIC: BF143768.D\data.ms

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Abundance

Time-->

1,4-Dioxane

Pyridine,

2-Fluorophenol, S

bis(2-chlorophenyl) ether

Phenol-d6, S

1,3-Dichlorobenzene-C

1,4-Dichlorobenzene-d4, I

2,2'-oxybis[phenylene]

Nitrobenzene-d5, S

Hexachlorocyclopentadiene

2-Nitrophenol

2,3,4-Trichlorobenzenethiol

2,3,4-Trichlorobenzene

4-Chloro-3-fluorobutadiene, C

4-Chloro-3-methylphenol, C

2-Methylnaphthalene

2,4-Dinitrotoluene

2-Chloronaphthalene

2-Nitroaniline

2,6-Dinitrotoluene

Acenaphthylene

Acenaphthene, C

Dibenzofuran

2,4-Dinitrotoluene

2,3,4,6-Tetrachlorophenylphthalate

2,4,6-Trichlorophenylphenylamine, C

4-Bromodiphenyl ether

Atrazine

Phenanthrene

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Butyldiphenylphthalate

Chrysene

Bis(2-ethylhexyl)phthalate

Benzo(e)anthracene

Perylene-d12, I

Benzo(a)pyrene, C

Benzo(a,h,i)perylene

Dibenzodioxin

Phenanthrene-d10, I

Acenaphthene-d10, I

2-Fluorobiphenyl, S

Terphenyl-d14, S

Chrysene-d12, I