

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143681.D
 Acq On : 09 Sep 2025 11:37
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 15:26:30 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	6.892	152	48701	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	187400	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	106239	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	163693	20.000	ng	0.00
76) Chrysene-d12	14.045	240	105078	20.000	ng	0.00
86) Perylene-d12	15.515	264	117337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	275777	96.613	ng	0.00
7) Phenol-d6	6.510	99	336370	96.781	ng	0.00
23) Nitrobenzene-d5	7.451	82	298944	99.224	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	105674	98.701	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	669974	95.264	ng	0.00
79) Terphenyl-d14	12.992	244	578773	89.259	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	60202	47.281	ng	98
3) Pyridine	3.434	79	162073	49.275	ng	97
4) n-Nitrosodimethylamine	3.387	42	60449	48.382	ng	95
6) Aniline	6.551	93	224778	48.830	ng	99
8) 2-Chlorophenol	6.675	128	150257	48.739	ng	97
9) Benzaldehyde	6.445	77	151356	53.975	ng	98
10) Phenol	6.522	94	185806m	48.363	ng	
11) bis(2-Chloroethyl)ether	6.628	93	138527	48.278	ng	99
12) 1,3-Dichlorobenzene	6.834	146	171492	48.639	ng	100
13) 1,4-Dichlorobenzene	6.910	146	173871	48.857	ng	100
14) 1,2-Dichlorobenzene	7.063	146	163398	48.621	ng	99
15) Benzyl Alcohol	7.028	79	123209	48.734	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	179887	47.919	ng	98
17) 2-Methylphenol	7.134	107	122850	49.537	ng	99
18) Hexachloroethane	7.404	117	55730	48.478	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	103255	48.373	ng	100
20) 3+4-Methylphenols	7.287	107	159846	48.946	ng	95
22) Acetophenone	7.298	105	202733	47.900	ng	98
24) Nitrobenzene	7.475	77	152066	48.677	ng	97
25) Isophorone	7.710	82	275784	47.736	ng	99
26) 2-Nitrophenol	7.787	139	80228	52.233	ng	99
27) 2,4-Dimethylphenol	7.816	122	134004	48.598	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	169853	47.841	ng	99
29) 2,4-Dichlorophenol	8.022	162	134803	48.600	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	140654	48.947	ng	99
31) Naphthalene	8.192	128	445518	48.024	ng	100
32) Benzoic acid	7.916	122	86159	51.216	ng	99
33) 4-Chloroaniline	8.239	127	154832	47.942	ng	99
34) Hexachlorobutadiene	8.310	225	90648	48.364	ng	99
35) Caprolactam	8.610	113	35043	47.468	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	132445	48.427	ng	98
37) 2-Methylnaphthalene	8.886	142	303130	47.734	ng	100
38) 1-Methylnaphthalene	8.981	142	291205	47.783	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	146682	48.228	ng	100
41) Hexachlorocyclopentadiene	9.039	237	82011	52.522	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	98872	48.683	ng	97

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44) 2,4,5-Trichlorophenol	9.192	196	102829	49.805	ng	99
46) 1,1'-Biphenyl	9.351	154	370301	48.416	ng	99
47) 2-Chloronaphthalene	9.375	162	285560	47.625	ng	99
48) 2-Nitroaniline	9.463	65	81098	51.109	ng	96
49) Acenaphthylene	9.786	152	416024	48.437	ng	100
50) Dimethylphthalate	9.645	163	329330	47.644	ng	100
51) 2,6-Dinitrotoluene	9.704	165	68823	52.075	ng	98
52) Acenaphthene	9.963	154	281534	47.568	ng	98
53) 3-Nitroaniline	9.875	138	68669	48.282	ng	98
54) 2,4-Dinitrophenol	9.975	184	30751	45.821	ng	# 77
55) Dibenzofuran	10.133	168	408703	48.023	ng	98
56) 4-Nitrophenol	10.016	139	53500	47.282	ng	95
57) 2,4-Dinitrotoluene	10.104	165	89538	49.779	ng	98
58) Fluorene	10.475	166	315248	47.321	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	83243	49.723	ng	99
60) Diethylphthalate	10.345	149	305936	47.144	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	160530	47.513	ng	98
62) 4-Nitroaniline	10.486	138	64527	47.903	ng	98
63) Azobenzene	10.628	77	274716	47.885	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	42383	50.854	ng	97
66) n-Nitrosodiphenylamine	10.586	169	261578	48.778	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	97393	49.338	ng	98
68) Hexachlorobenzene	11.022	284	103033	49.432	ng	98
69) Atrazine	11.110	200	80407	47.821	ng	99
70) Pentachlorophenol	11.210	266	62720	49.778	ng	97
71) Phenanthrene	11.439	178	434393	48.163	ng	100
72) Anthracene	11.486	178	437984	48.295	ng	100
73) Carbazole	11.639	167	354246	47.696	ng	100
74) Di-n-butylphthalate	11.969	149	431786	48.289	ng	100
75) Fluoranthene	12.622	202	380399	45.943	ng	100
77) Benzidine	12.739	184	202166	58.999	ng	100
78) Pyrene	12.851	202	383337	45.628	ng	100
80) Butylbenzylphthalate	13.469	149	136440	51.832	ng	99
81) Benzo(a)anthracene	14.033	228	335640	49.650	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	107729	51.800	ng	98
83) Chrysene	14.074	228	293904	47.470	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	203237	54.112	ng	99
85) Di-n-octyl phthalate	14.639	149	363429	53.998	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	401522	50.140	ng	100
88) Benzo(b)fluoranthene	15.086	252	350635	50.199	ng	99
89) Benzo(k)fluoranthene	15.115	252	292102	46.337	ng	100
90) Benzo(a)pyrene	15.457	252	300975	49.048	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	331338	49.871	ng	100
92) Benzo(g,h,i)perylene	17.462	276	310457	49.956	ng	98

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

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