

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090825\
 Data File : BF143663.D
 Acq On : 08 Sep 2025 12:50
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 08 13:18:50 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	71294	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	272532	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	160528	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	264565	20.000	ng	0.00
76) Chrysene-d12	14.051	240	162125	20.000	ng	0.00
86) Perylene-d12	15.527	264	146528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	347376	86.318	ng	0.00
7) Phenol-d6	6.510	99	424986	85.085	ng	0.00
23) Nitrobenzene-d5	7.451	82	370509	95.551	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	138521	103.191	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	837816	83.384	ng	0.00
79) Terphenyl-d14	12.998	244	866595	89.063	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	78559	41.374	ng	93
3) Pyridine	3.446	79	203779	40.509	ng	93
4) n-Nitrosodimethylamine	3.399	42	80215	38.394	ng	92
6) Aniline	6.551	93	288882	41.550	ng	99
8) 2-Chlorophenol	6.675	128	187114	44.897	ng	97
9) Benzaldehyde	6.440	77	151116	40.720	ng	99
10) Phenol	6.522	94	233324m	42.607	ng	
11) bis(2-Chloroethyl)ether	6.622	93	177789	41.455	ng	98
12) 1,3-Dichlorobenzene	6.834	146	214967	41.794	ng	98
13) 1,4-Dichlorobenzene	6.910	146	216759	42.017	ng	98
14) 1,2-Dichlorobenzene	7.063	146	204738	41.934	ng	99
15) Benzyl Alcohol	7.028	79	160253	42.223	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	247627	36.686	ng	97
17) 2-Methylphenol	7.134	107	154744	42.466	ng	99
18) Hexachloroethane	7.404	117	69889	43.425	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	133330	41.918	ng	96
20) 3+4-Methylphenols	7.287	107	201075	43.836	ng	96
22) Acetophenone	7.298	105	257923	41.849	ng	97
24) Nitrobenzene	7.469	77	193406	46.648	ng	98
25) Isophorone	7.710	82	366683	41.964	ng	99
26) 2-Nitrophenol	7.787	139	88675	49.083	ng	97
27) 2,4-Dimethylphenol	7.816	122	172761	45.412	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	221718	41.506	ng	100
29) 2,4-Dichlorophenol	8.022	162	172778	46.283	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	176626	43.415	ng	99
31) Naphthalene	8.192	128	570744	42.815	ng	100
32) Benzoic acid	7.916	122	97101	42.919	ng	98
33) 4-Chloroaniline	8.239	127	200445	43.426	ng	98
34) Hexachlorobutadiene	8.310	225	115236	43.545	ng	98
35) Caprolactam	8.616	113	48959	48.939	ng	# 85
36) 4-Chloro-3-methylphenol	8.716	107	173712	44.438	ng	95
37) 2-Methylnaphthalene	8.886	142	389089	43.151	ng	100
38) 1-Methylnaphthalene	8.986	142	375674	43.578	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	186621	42.065	ng	99
41) Hexachlorocyclopentadiene	9.039	237	96447	44.768	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	125470	45.903	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090825\
 Data File : BF143663.D
 Acq On : 08 Sep 2025 12:50
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 08 13:18:50 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)
44) 2,4,5-Trichlorophenol	9.192	196	132498	46.954	ng	99
46) 1,1'-Biphenyl	9.351	154	471636	41.310	ng	99
47) 2-Chloronaphthalene	9.375	162	374721	41.940	ng	99
48) 2-Nitroaniline	9.469	65	104630	43.489	ng	91
49) Acenaphthylene	9.786	152	538173	41.796	ng	99
50) Dimethylphthalate	9.645	163	443704	43.651	ng	100
51) 2,6-Dinitrotoluene	9.710	165	86261	46.772	ng	96
52) Acenaphthene	9.963	154	367667	42.686	ng	100
53) 3-Nitroaniline	9.875	138	94092	46.053	ng	96
54) 2,4-Dinitrophenol	9.980	184	37562	53.310	ng	# 1
55) Dibenzofuran	10.133	168	531546	42.478	ng	99
56) 4-Nitrophenol	10.022	139	77461	51.397	ng	96
57) 2,4-Dinitrotoluene	10.110	165	118576	47.436	ng	94
58) Fluorene	10.475	166	414906	42.866	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	110457	51.542	ng	97
60) Diethylphthalate	10.351	149	425081	44.050	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	209539	43.385	ng	98
62) 4-Nitroaniline	10.492	138	95344	47.783	ng	97
63) Azobenzene	10.628	77	374457	41.166	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	53526	47.769	ng	88
66) n-Nitrosodiphenylamine	10.586	169	354412	41.504	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	131840	42.967	ng	95
68) Hexachlorobenzene	11.022	284	137399	42.629	ng	99
69) Atrazine	11.116	200	119917	46.972	ng	98
70) Pentachlorophenol	11.216	266	89974	49.695	ng	98
71) Phenanthrene	11.439	178	602340	42.104	ng	99
72) Anthracene	11.492	178	612815	42.710	ng	99
73) Carbazole	11.645	167	522703	43.221	ng	99
74) Di-n-butylphthalate	11.974	149	648955	47.791	ng	100
75) Fluoranthene	12.627	202	574535	43.728	ng	99
77) Benzidine	12.745	184	153674	41.430	ng	100
78) Pyrene	12.857	202	577479	43.166	ng	100
80) Butylbenzylphthalate	13.474	149	187135	44.189	ng	100
81) Benzo(a)anthracene	14.039	228	434716	41.398	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	125354	43.791	ng	99
83) Chrysene	14.080	228	412363	43.685	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	243773	41.172	ng	100
85) Di-n-octyl phthalate	14.645	149	383842	39.905	ng	96
87) Indeno(1,2,3-cd)pyrene	17.021	276	424050	41.513	ng	100
88) Benzo(b)fluoranthene	15.092	252	399888	45.297	ng	100
89) Benzo(k)fluoranthene	15.121	252	329803	43.198	ng	99
90) Benzo(a)pyrene	15.462	252	330955	43.612	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	353670	42.094	ng	100
92) Benzo(g,h,i)perylene	17.474	276	333673	41.227	ng	99

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

