

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090325\
 Data File : BF143627.D
 Acq On : 03 Sep 2025 15:11
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025

Quant Time: Sep 03 18:39:31 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	88373	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	338924	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	189324	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	301476	20.000	ng	0.00
76) Chrysene-d12	14.045	240	193231	20.000	ng	0.00
86) Perylene-d12	15.521	264	185979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	207060	41.508	ng	0.00
7) Phenol-d6	6.504	99	255483	41.264	ng	0.00
23) Nitrobenzene-d5	7.451	82	193064	40.036	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	63341	40.009	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	503708	42.507	ng	0.00
79) Terphenyl-d14	12.992	244	482147	41.575	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	48529	20.619	ng	99
3) Pyridine	3.440	79	128577	20.620	ng	97
4) n-Nitrosodimethylamine	3.375	42	51532	19.898	ng	98
6) Aniline	6.551	93	177337	20.577	ng	100
8) 2-Chlorophenol	6.669	128	104510	20.230	ng	96
9) Benzaldehyde	6.439	77	82401	17.913	ng	97
10) Phenol	6.516	94	141362	20.825	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	110538	20.793	ng	99
12) 1,3-Dichlorobenzene	6.834	146	132884	20.842	ng	99
13) 1,4-Dichlorobenzene	6.910	146	131409	20.550	ng	99
14) 1,2-Dichlorobenzene	7.063	146	125421	20.724	ng	99
15) Benzyl Alcohol	7.022	79	94674	20.124	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	176733	21.123	ng	99
17) 2-Methylphenol	7.128	107	92856	20.558	ng	99
18) Hexachloroethane	7.404	117	41208	20.656	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	80232	20.349	ng	97
20) 3+4-Methylphenols	7.281	107	121541	21.376	ng	97
22) Acetophenone	7.292	105	158430	20.671	ng	# 99
24) Nitrobenzene	7.469	77	103489	20.071	ng	99
25) Isophorone	7.704	82	220051	20.250	ng	100
26) 2-Nitrophenol	7.786	139	31756	18.758	ng	99
27) 2,4-Dimethylphenol	7.816	122	97279	20.562	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	138424	20.837	ng	99
29) 2,4-Dichlorophenol	8.022	162	95377	20.544	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	104132	20.582	ng	99
31) Naphthalene	8.192	128	345930	20.867	ng	99
32) Benzoic acid	7.886	122	36701m	18.281	ng	
33) 4-Chloroaniline	8.233	127	120082	20.920	ng	99
34) Hexachlorobutadiene	8.310	225	67723	20.578	ng	99
35) Caprolactam	8.586	113	23195	18.644	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	99541	20.476	ng	100
37) 2-Methylnaphthalene	8.881	142	235289	20.983	ng	100
38) 1-Methylnaphthalene	8.980	142	224714	20.960	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	109877	21.000	ng	99
41) Hexachlorocyclopentadiene	9.039	237	48313	19.015	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	67820	21.038	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090325\
 Data File : BF143627.D
 Acq On : 03 Sep 2025 15:11
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025

Quant Time: Sep 03 18:39:31 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	66410	19.954	ng	99
46) 1,1'-Biphenyl	9.345	154	284757	21.148	ng	100
47) 2-Chloronaphthalene	9.369	162	219224	20.805	ng	100
48) 2-Nitroaniline	9.463	65	46316	18.307	ng	98
49) Acenaphthylene	9.786	152	318515	20.974	ng	100
50) Dimethylphthalate	9.639	163	246815	20.588	ng	100
51) 2,6-Dinitrotoluene	9.704	165	32530	17.533	ng	94
52) Acenaphthene	9.957	154	209734	20.647	ng	99
53) 3-Nitroaniline	9.869	138	39269	18.248	ng	95
54) 2,4-Dinitrophenol	9.969	184	9061	18.681	ng	# 1
55) Dibenzofuran	10.127	168	308571	20.908	ng	100
56) 4-Nitrophenol	10.010	139	31196	17.551	ng	95
57) 2,4-Dinitrotoluene	10.104	165	44195	17.636	ng	95
58) Fluorene	10.475	166	241056	21.117	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	49185	19.460	ng	98
60) Diethylphthalate	10.345	149	238033	20.915	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	119640	21.004	ng	99
62) 4-Nitroaniline	10.475	138	40261	18.910	ng	99
63) Azobenzene	10.627	77	222583	20.748	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	14657	17.963	ng	98
66) n-Nitrosodiphenylamine	10.580	169	203937	20.958	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	72293	20.676	ng	99
68) Hexachlorobenzene	11.022	284	77354	21.061	ng	97
69) Atrazine	11.104	200	59949	20.607	ng	98
70) Pentachlorophenol	11.210	266	37470	18.162	ng	97
71) Phenanthrene	11.433	178	345076	21.168	ng	99
72) Anthracene	11.486	178	351450	21.496	ng	100
73) Carbazole	11.639	167	291483	21.151	ng	100
74) Di-n-butylphthalate	11.974	149	325879	21.060	ng	99
75) Fluoranthene	12.621	202	319038	21.309	ng	99
77) Benzidine	12.745	184	121765	27.543	ng	99
78) Pyrene	12.851	202	325682	20.425	ng	99
80) Butylbenzylphthalate	13.468	149	82646	18.450	ng	96
81) Benzo(a)anthracene	14.039	228	260726	20.832	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	72183	21.157	ng	100
83) Chrysene	14.074	228	231314	20.560	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	122155	18.990	ng	98
85) Di-n-octyl phthalate	14.645	149	194584	16.973	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	265049	20.443	ng	100
88) Benzo(b)fluoranthene	15.086	252	233597	20.847	ng	100
89) Benzo(k)fluoranthene	15.115	252	201998	20.845	ng	99
90) Benzo(a)pyrene	15.457	252	196575	20.409	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	219487	20.582	ng	99
92) Benzo(g,h,i)perylene	17.456	276	211913	20.629	ng	99

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

