

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090825\
 Data File : BF143659.D
 Acq On : 08 Sep 2025 09:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 11:46:47 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	6.893	152	61072	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	225354	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	128510	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	203634	20.000	ng	0.00
76) Chrysene-d12	14.045	240	133268	20.000	ng	0.00
86) Perylene-d12	15.521	264	139994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	283262	82.168	ng	0.00
7) Phenol-d6	6.510	99	344700	80.562	ng	0.00
23) Nitrobenzene-d5	7.451	82	289021	90.140	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	98091	91.279	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	666545	82.866	ng	0.00
79) Terphenyl-d14	12.992	244	637151	79.662	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	66547	40.914	ng	94
3) Pyridine	3.434	79	173067	40.162	ng	91
4) n-Nitrosodimethylamine	3.381	42	66239	37.011	ng	92
6) Aniline	6.551	93	233367	39.184	ng	99
8) 2-Chlorophenol	6.675	128	150052	42.030	ng	97
9) Benzaldehyde	6.440	77	124553	39.179	ng	98
10) Phenol	6.522	94	188932m	40.276	ng	
11) bis(2-Chloroethyl)ether	6.622	93	144854	39.428	ng	97
12) 1,3-Dichlorobenzene	6.834	146	175945	39.933	ng	98
13) 1,4-Dichlorobenzene	6.910	146	175196	39.645	ng	99
14) 1,2-Dichlorobenzene	7.063	146	165526	39.577	ng	99
15) Benzyl Alcohol	7.028	79	126970	39.053	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	202882	35.088	ng	97
17) 2-Methylphenol	7.134	107	123826	39.669	ng	99
18) Hexachloroethane	7.404	117	55553	40.295	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	106082	38.934	ng	97
20) 3+4-Methylphenols	7.287	107	162558	41.370	ng	96
22) Acetophenone	7.298	105	207774	40.770	ng	95
24) Nitrobenzene	7.469	77	152276	44.417	ng	99
25) Isophorone	7.710	82	288756	39.964	ng	98
26) 2-Nitrophenol	7.787	139	61417	42.901	ng	96
27) 2,4-Dimethylphenol	7.816	122	133416	42.412	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	178805	40.480	ng	100
29) 2,4-Dichlorophenol	8.022	162	133656	43.298	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	139120	41.355	ng	98
31) Naphthalene	8.192	128	458804	41.623	ng	99
32) Benzoic acid	7.910	122	69780m	38.285	ng	
33) 4-Chloroaniline	8.240	127	160110	41.950	ng	97
34) Hexachlorobutadiene	8.310	225	93770	42.852	ng	99
35) Caprolactam	8.604	113	35099	42.429	ng	# 83
36) 4-Chloro-3-methylphenol	8.710	107	135414	41.892	ng	98
37) 2-Methylnaphthalene	8.881	142	306603	41.122	ng	99
38) 1-Methylnaphthalene	8.981	142	298418	41.863	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	148905	41.926	ng	99
41) Hexachlorocyclopentadiene	9.039	237	73384	42.550	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	95625	43.701	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	98432	43.572	ng	98
46) 1,1'-Biphenyl	9.345	154	377397	41.292	ng	99
47) 2-Chloronaphthalene	9.375	162	291421	40.744	ng	99
48) 2-Nitroaniline	9.463	65	74052	38.816	ng	94
49) Acenaphthylene	9.786	152	419064	40.654	ng	99
50) Dimethylphthalate	9.639	163	332799	40.897	ng	100
51) 2,6-Dinitrotoluene	9.704	165	59616	40.896	ng	100
52) Acenaphthene	9.957	154	278608	40.406	ng	100
53) 3-Nitroaniline	9.875	138	66028	40.742	ng	95
54) 2,4-Dinitrophenol	9.975	184	21584	42.629	ng	# 39
55) Dibenzofuran	10.134	168	410601	40.988	ng	98
56) 4-Nitrophenol	10.016	139	51831	42.959	ng	97
57) 2,4-Dinitrotoluene	10.104	165	81022	41.055	ng	98
58) Fluorene	10.475	166	316389	40.832	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	77084	44.931	ng	98
60) Diethylphthalate	10.345	149	313893	40.632	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	160459	41.500	ng	98
62) 4-Nitroaniline	10.486	138	65037	41.130	ng	96
63) Azobenzene	10.628	77	282747	38.829	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	33325	40.270	ng	96
66) n-Nitrosodiphenylamine	10.581	169	269280	40.970	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	97244	41.175	ng	97
68) Hexachlorobenzene	11.022	284	102480	41.309	ng	97
69) Atrazine	11.104	200	84481	42.994	ng	100
70) Pentachlorophenol	11.210	266	60946	43.734	ng	98
71) Phenanthrene	11.433	178	450214	40.887	ng	99
72) Anthracene	11.486	178	453836	41.095	ng	99
73) Carbazole	11.639	167	376398	40.436	ng	99
74) Di-n-butylphthalate	11.975	149	452650	43.309	ng	99
75) Fluoranthene	12.622	202	418066	41.340	ng	99
77) Benzidine	12.739	184	125441	41.141	ng	99
78) Pyrene	12.851	202	420662	38.253	ng	99
80) Butylbenzylphthalate	13.469	149	133650	38.826	ng	99
81) Benzo(a)anthracene	14.039	228	355243	41.155	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	103272	43.888	ng	99
83) Chrysene	14.074	228	306056	39.444	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	194092	39.971	ng	99
85) Di-n-octyl phthalate	14.639	149	334056	42.249	ng	96
87) Indeno(1,2,3-cd)pyrene	17.010	276	402894	41.283	ng	99
88) Benzo(b)fluoranthene	15.086	252	338393	40.120	ng	99
89) Benzo(k)fluoranthene	15.116	252	297907	40.841	ng	98
90) Benzo(a)pyrene	15.457	252	294776	40.657	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	332798	41.459	ng	99
92) Benzo(g,h,i)perylene	17.462	276	316813	40.971	ng	99

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

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[illegible]