

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144207.D
 Acq On : 11 Nov 2025 17:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 11 17:55:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	73139	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	274133	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	159587	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	293725	20.000	ng	0.00
76) Chrysene-d12	14.057	240	185553	20.000	ng	0.00
86) Perylene-d12	15.539	264	202785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	388352	83.091	ng	0.00
7) Phenol-d6	6.504	99	435194	82.177	ng	0.00
23) Nitrobenzene-d5	7.439	82	401685	84.628	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	173199	86.486	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	837333	77.493	ng	0.00
79) Terphenyl-d14	12.998	244	1003072	85.867	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	80593	41.709	ng	97
3) Pyridine	3.381	79	229828	42.633	ng	100
4) n-Nitrosodimethylamine	3.328	42	122596	43.537	ng	98
6) Aniline	6.539	93	312246	41.383	ng	98
8) 2-Chlorophenol	6.663	128	190485	41.559	ng	98
9) Benzaldehyde	6.428	77	173027	57.860	ng	95
10) Phenol	6.522	94	271420	41.948	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	193189	40.976	ng	95
12) 1,3-Dichlorobenzene	6.816	146	230481	40.750	ng	98
13) 1,4-Dichlorobenzene	6.892	146	230096	40.607	ng	99
14) 1,2-Dichlorobenzene	7.045	146	215796	39.733	ng	99
15) Benzyl Alcohol	7.016	79	174923	41.714	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	353950	40.767	ng	96
17) 2-Methylphenol	7.128	107	149130	40.898	ng	97
18) Hexachloroethane	7.386	117	77796	41.325	ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	141220	40.508	ng	96
20) 3+4-Methylphenols	7.281	107	177458	41.285	ng	96
22) Acetophenone	7.286	105	239022	40.645	ng	96
24) Nitrobenzene	7.457	77	218774	42.451	ng	99
25) Isophorone	7.698	82	373739	41.628	ng	99
26) 2-Nitrophenol	7.775	139	110013	43.124	ng	96
27) 2,4-Dimethylphenol	7.810	122	161322	42.190	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	236238	42.137	ng	98
29) 2,4-Dichlorophenol	8.016	162	178238	40.444	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	179779	39.727	ng	98
31) Naphthalene	8.180	128	538257	41.277	ng	99
32) Benzoic acid	7.928	122	105072	37.488	ng	98
33) 4-Chloroaniline	8.227	127	199418	41.930	ng	98
34) Hexachlorobutadiene	8.292	225	139520	40.908	ng	100
35) Caprolactam	8.604	113	54331	44.998	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	166809	42.234	ng	97
37) 2-Methylnaphthalene	8.875	142	356188	40.854	ng	99
38) 1-Methylnaphthalene	8.969	142	342804	40.749	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	205634	39.317	ng	99
41) Hexachlorocyclopentadiene	9.022	237	61504	38.890	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	143461	40.301	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	148410	38.683	ng	96
46) 1,1'-Biphenyl	9.333	154	443594	39.821	ng	98
47) 2-Chloronaphthalene	9.363	162	371395	39.085	ng	99
48) 2-Nitroaniline	9.457	65	121060	44.155	ng	98
49) Acenaphthylene	9.774	152	516028	39.851	ng	100
50) Dimethylphthalate	9.633	163	440316	41.648	ng	100
51) 2,6-Dinitrotoluene	9.698	165	93893	43.872	ng	97
52) Acenaphthene	9.951	154	348196	40.211	ng	98
53) 3-Nitroaniline	9.874	138	102592	43.852	ng	99
54) 2,4-Dinitrophenol	9.980	184	49921	38.628	ng	95
55) Dibenzofuran	10.121	168	488181	40.254	ng	98
56) 4-Nitrophenol	10.033	139	66965	39.569	ng	94
57) 2,4-Dinitrotoluene	10.104	165	126334	44.095	ng	95
58) Fluorene	10.469	166	376963	40.882	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	114103	42.036	ng	97
60) Diethylphthalate	10.333	149	406272	41.686	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	209434	39.875	ng	96
62) 4-Nitroaniline	10.486	138	102147	45.847	ng	98
63) Azobenzene	10.616	77	386328	42.592	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	80666	40.426	ng	97
66) n-Nitrosodiphenylamine	10.574	169	366781	38.825	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	143622	38.308	ng	99
68) Hexachlorobenzene	11.016	284	173712	39.337	ng	97
69) Atrazine	11.104	200	122353	40.725	ng	100
70) Pentachlorophenol	11.216	266	89584	40.739	ng	98
71) Phenanthrene	11.433	178	588260	40.225	ng	100
72) Anthracene	11.486	178	601255	40.433	ng	99
73) Carbazole	11.639	167	526840	41.665	ng	99
74) Di-n-butylphthalate	11.968	149	636991	41.671	ng	100
75) Fluoranthene	12.627	202	647151	42.838	ng	99
77) Benzidine	12.751	184	273400	49.813	ng	99
78) Pyrene	12.857	202	651405	43.540	ng	100
80) Butylbenzylphthalate	13.474	149	229051	44.173	ng	98
81) Benzo(a)anthracene	14.051	228	538033	41.837	ng	99
82) 3,3'-Dichlorobenzidine	14.009	252	166088	37.677	ng	97
83) Chrysene	14.086	228	474503	39.969	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	286948	40.425	ng	98
85) Di-n-octyl phthalate	14.645	149	440421	35.961	ng	99
87) Indeno(1,2,3-cd)pyrene	17.050	276	620856	42.651	ng	99
88) Benzo(b)fluoranthene	15.104	252	476448	41.327	ng	98
89) Benzo(k)fluoranthene	15.133	252	430297	39.876	ng	99
90) Benzo(a)pyrene	15.480	252	433428	40.752	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	500792	42.837	ng	99
92) Benzo(g,h,i)perylene	17.503	276	505241	43.764	ng	99

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

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