

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142590.D
 Acq On : 02 Jun 2025 11:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 02 11:53:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	112830	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	441878	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	241388	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	415282	20.000	ng	0.00
76) Chrysene-d12	14.074	240	230387	20.000	ng	0.00
86) Perylene-d12	15.568	264	238851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	520453	77.713	ng	0.00
7) Phenol-d6	6.522	99	624999	77.527	ng	-0.01
23) Nitrobenzene-d5	7.463	82	614193	75.793	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	204924	76.490	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1294863	71.981	ng	-0.01
79) Terphenyl-d14	13.016	244	1222487	72.512	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	104787	39.101	ng	99
3) Pyridine	3.434	79	273075	40.014	ng	98
4) n-Nitrosodimethylamine	3.381	42	134236	37.883	ng	92
6) Aniline	6.563	93	426917	39.384	ng	99
8) 2-Chlorophenol	6.681	128	284430	38.992	ng	99
9) Benzaldehyde	6.451	77	181042	37.337	ng	99
10) Phenol	6.540	94	351528	38.752	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	253577	38.834	ng	100
12) 1,3-Dichlorobenzene	6.839	146	312463	38.387	ng	99
13) 1,4-Dichlorobenzene	6.916	146	318681	38.867	ng	99
14) 1,2-Dichlorobenzene	7.069	146	302583	38.567	ng	99
15) Benzyl Alcohol	7.039	79	229225	38.476	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	422408	38.521	ng	99
17) 2-Methylphenol	7.151	107	222036	38.986	ng	99
18) Hexachloroethane	7.410	117	108916	38.042	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	187037	37.435	ng	99
20) 3+4-Methylphenols	7.304	107	280371	38.443	ng	98
22) Acetophenone	7.310	105	368253	37.647	ng	98
24) Nitrobenzene	7.481	77	277591	37.981	ng	99
25) Isophorone	7.722	82	508065	37.499	ng	98
26) 2-Nitrophenol	7.798	139	155595	39.842	ng	96
27) 2,4-Dimethylphenol	7.834	122	264387	38.389	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	322678	38.126	ng	99
29) 2,4-Dichlorophenol	8.039	162	243024	38.802	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	261489	38.470	ng	98
31) Naphthalene	8.204	128	830285	38.160	ng	100
32) Benzoic acid	7.939	122	160260	38.227	ng	98
33) 4-Chloroaniline	8.251	127	343825	38.998	ng	99
34) Hexachlorobutadiene	8.322	225	154741	36.459	ng	98
35) Caprolactam	8.622	113	73834	41.974	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	243211	37.891	ng	98
37) 2-Methylnaphthalene	8.898	142	513490	37.513	ng	99
38) 1-Methylnaphthalene	8.998	142	530617	37.476	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	261475	37.735	ng	100
41) Hexachlorocyclopentadiene	9.051	237	164068	35.099	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	176717	37.821	ng	98

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44) 2,4,5-Trichlorophenol	9.210	196	191168	38.794	ng	99
46) 1,1'-Biphenyl	9.363	154	702351	37.504	ng	100
47) 2-Chloronaphthalene	9.386	162	521535	37.693	ng	99
48) 2-Nitroaniline	9.480	65	156771	39.199	ng	98
49) Acenaphthylene	9.804	152	883436	37.812	ng	100
50) Dimethylphthalate	9.657	163	609673	38.278	ng	100
51) 2,6-Dinitrotoluene	9.722	165	134489	39.122	ng	97
52) Acenaphthene	9.975	154	539520	37.817	ng	99
53) 3-Nitroaniline	9.892	138	151962	40.472	ng	99
54) 2,4-Dinitrophenol	9.998	184	68903	38.796	ng	94
55) Dibenzofuran	10.145	168	775550	37.777	ng	98
56) 4-Nitrophenol	10.045	139	109452	39.507	ng	97
57) 2,4-Dinitrotoluene	10.128	165	180640	40.236	ng	99
58) Fluorene	10.492	166	606801	38.259	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	161231	39.192	ng	99
60) Diethylphthalate	10.357	149	591746	38.041	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	295424	37.917	ng	97
62) 4-Nitroaniline	10.504	138	142644	41.888	ng	96
63) Azobenzene	10.639	77	534537	38.258	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	94020	40.568	ng	99
66) n-Nitrosodiphenylamine	10.598	169	532389	37.472	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	182475	37.161	ng	100
68) Hexachlorobenzene	11.039	284	204259	37.610	ng	99
69) Atrazine	11.122	200	152871	40.515	ng	99
70) Pentachlorophenol	11.233	266	115580	37.694	ng	99
71) Phenanthrene	11.457	178	843782	38.019	ng	100
72) Anthracene	11.504	178	868050	38.324	ng	100
73) Carbazole	11.657	167	762565	39.382	ng	100
74) Di-n-butylphthalate	11.986	149	845566	39.894	ng	100
75) Fluoranthene	12.645	202	822707	39.672	ng	99
77) Benzidine	12.763	184	372760	43.479	ng	99
78) Pyrene	12.874	202	811108	37.740	ng	100
80) Butylbenzylphthalate	13.486	149	251441	42.340	ng	98
81) Benzo(a)anthracene	14.063	228	586045	38.094	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	195614	41.922	ng	98
83) Chrysene	14.098	228	523222	37.850	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	319802	42.067	ng	99
85) Di-n-octyl phthalate	14.657	149	550609	37.041	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	653334	36.435	ng	99
88) Benzo(b)fluoranthene	15.127	252	537758	38.041	ng	99
89) Benzo(k)fluoranthene	15.157	252	496143	37.472	ng	98
90) Benzo(a)pyrene	15.504	252	511548	38.390	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	537907	36.987	ng	100
92) Benzo(g,h,i)perylene	17.545	276	528096	36.304	ng	98

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

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