

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144321.D
 Acq On : 24 Nov 2025 13:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 25 00:21:23 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	6.863	152	57300	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	200019	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	103200	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	163620	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	139596	20.000	ng	0.00
86) Perylene-d12	15.521	264	184019	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	296043	80.850	ng	-0.01
7) Phenol-d6	6.498	99	319166	76.927	ng	0.00
23) Nitrobenzene-d5	7.428	82	279767	80.782	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	93573	72.255	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	568387	81.344	ng	0.00
79) Terphenyl-d14	12.980	244	589605	67.089	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	63464	41.923	ng	99
3) Pyridine	3.357	79	174617	41.345	ng	98
4) n-Nitrosodimethylamine	3.298	42	82548	37.418	ng	92
6) Aniline	6.528	93	229318	38.794	ng	98
8) 2-Chlorophenol	6.651	128	145387	40.487	ng	98
9) Benzaldehyde	6.416	77	98743	42.147	ng	99
10) Phenol	6.510	94	198320	39.123	ng	97
11) bis(2-Chloroethyl)ether	6.598	93	147584	39.956	ng	99
12) 1,3-Dichlorobenzene	6.804	146	176293	39.786	ng	97
13) 1,4-Dichlorobenzene	6.881	146	175664	39.571	ng	99
14) 1,2-Dichlorobenzene	7.034	146	160871	37.808	ng	98
15) Benzyl Alcohol	7.004	79	119682	36.430	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.133	45	276882	40.706	ng	95
17) 2-Methylphenol	7.116	107	108101	37.841	ng	97
18) Hexachloroethane	7.375	117	57545	39.017	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	93270	34.149	ng	99
20) 3+4-Methylphenols	7.269	107	124581	36.995	ng	98
22) Acetophenone	7.275	105	170337	39.698	ng	99
24) Nitrobenzene	7.445	77	154244	41.020	ng	99
25) Isophorone	7.686	82	259435	39.604	ng	98
26) 2-Nitrophenol	7.763	139	80538	43.268	ng	93
27) 2,4-Dimethylphenol	7.798	122	116602	41.794	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	167724	41.001	ng	98
29) 2,4-Dichlorophenol	8.004	162	130591	40.612	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	133199	40.340	ng	97
31) Naphthalene	8.169	128	389577	40.945	ng	100
32) Benzoic acid	7.910	122	74462	36.411	ng	98
33) 4-Chloroaniline	8.216	127	139362	40.160	ng	99
34) Hexachlorobutadiene	8.280	225	98766	39.689	ng	98
35) Caprolactam	8.580	113	31444	35.693	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	108437	37.628	ng	98
37) 2-Methylnaphthalene	8.857	142	250646	39.401	ng	100
38) 1-Methylnaphthalene	8.957	142	239490	39.017	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	140761	41.618	ng	99
41) Hexachlorocyclopentadiene	9.010	237	38867	38.220	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	93413	40.579	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	97662	39.364	ng	99
46) 1,1'-Biphenyl	9.322	154	300860	41.765	ng	99
47) 2-Chloronaphthalene	9.351	162	252305	41.060	ng	99
48) 2-Nitroaniline	9.445	65	69038	38.939	ng	97
49) Acenaphthylene	9.763	152	340021	40.606	ng	99
50) Dimethylphthalate	9.616	163	265941	38.898	ng	100
51) 2,6-Dinitrotoluene	9.686	165	53824	38.891	ng	96
52) Acenaphthene	9.933	154	215539	38.492	ng	98
53) 3-Nitroaniline	9.857	138	60025	39.675	ng	97
54) 2,4-Dinitrophenol	9.969	184	40960	49.011	ng	97
55) Dibenzofuran	10.110	168	305947	39.011	ng	98
56) 4-Nitrophenol	10.027	139	41508	37.928	ng	91
57) 2,4-Dinitrotoluene	10.092	165	71896	38.805	ng	98
58) Fluorene	10.451	166	233567	39.171	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	65389	37.251	ng	97
60) Diethylphthalate	10.322	149	245860	39.010	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	131722	38.782	ng	99
62) 4-Nitroaniline	10.469	138	54624	37.913	ng	93
63) Azobenzene	10.604	77	228649	38.982	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	42397	38.143	ng	97
66) n-Nitrosodiphenylamine	10.563	169	216143	41.073	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	82367	39.439	ng	96
68) Hexachlorobenzene	11.004	284	95853	38.966	ng	98
69) Atrazine	11.086	200	65195	38.955	ng	98
70) Pentachlorophenol	11.198	266	54613	44.584	ng	98
71) Phenanthrene	11.416	178	331476	40.690	ng	99
72) Anthracene	11.469	178	339999	41.045	ng	99
73) Carbazole	11.627	167	294334	41.786	ng	98
74) Di-n-butylphthalate	11.951	149	379852	44.609	ng	99
75) Fluoranthene	12.610	202	361688	42.980	ng	98
77) Benzidine	12.733	184	163422	39.578	ng	98
78) Pyrene	12.839	202	375143	33.330	ng	99
80) Butylbenzylphthalate	13.451	149	155897	39.963	ng	99
81) Benzo(a)anthracene	14.033	228	384382	39.729	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	132047	39.817	ng	100
83) Chrysene	14.068	228	364380	40.798	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	240874	45.105	ng	98
85) Di-n-octyl phthalate	14.627	149	438550	47.597	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	457485	34.633	ng	97
88) Benzo(b)fluoranthene	15.092	252	426169	40.736	ng	99
89) Benzo(k)fluoranthene	15.121	252	405902	41.451	ng	99
90) Benzo(a)pyrene	15.462	252	383837	39.770	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	375398	35.386	ng	98
92) Benzo(g,h,i)perylene	17.480	276	337934	32.257	ng #	97

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

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