

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144180.D
 Acq On : 06 Nov 2025 11:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 06 11:34:17 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	77162	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	299960	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	175155	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	301670	20.000	ng	0.00
76) Chrysene-d12	14.057	240	184652	20.000	ng	0.00
86) Perylene-d12	15.539	264	216041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	412062	83.568	ng	0.00
7) Phenol-d6	6.504	99	464824	83.196	ng	0.00
23) Nitrobenzene-d5	7.440	82	430300	82.851	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	186707	84.944	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	896864	75.625	ng	0.00
79) Terphenyl-d14	12.992	244	1014109	87.235	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	86176	42.273	ng	96
3) Pyridine	3.381	79	246430	43.329	ng	98
4) n-Nitrosodimethylamine	3.334	42	128629	43.298	ng	99
6) Aniline	6.540	93	332605	41.783	ng	98
8) 2-Chlorophenol	6.657	128	200122	41.385	ng	98
9) Benzaldehyde	6.428	77	127860	40.527	ng	97
10) Phenol	6.516	94	281330	41.213	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	205644	41.344	ng	98
12) 1,3-Dichlorobenzene	6.816	146	244627	40.996	ng	97
13) 1,4-Dichlorobenzene	6.893	146	245191	41.015	ng	100
14) 1,2-Dichlorobenzene	7.045	146	234848	40.987	ng	99
15) Benzyl Alcohol	7.016	79	183128	41.394	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	384897	42.021	ng	100
17) 2-Methylphenol	7.128	107	161770	42.052	ng	99
18) Hexachloroethane	7.387	117	84498	42.545	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	150190	40.835	ng	98
20) 3+4-Methylphenols	7.281	107	187407	41.326	ng	99
22) Acetophenone	7.287	105	258423	40.160	ng	99
24) Nitrobenzene	7.457	77	231445	41.043	ng	99
25) Isophorone	7.698	82	409848	41.720	ng	98
26) 2-Nitrophenol	7.775	139	116137	41.604	ng	96
27) 2,4-Dimethylphenol	7.810	122	175819	42.022	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	254021	41.408	ng	98
29) 2,4-Dichlorophenol	8.016	162	195158	40.470	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	195235	39.427	ng	99
31) Naphthalene	8.181	128	570292	39.968	ng	99
32) Benzoic acid	7.922	122	108307	35.315	ng	96
33) 4-Chloroaniline	8.228	127	217206	41.738	ng	98
34) Hexachlorobutadiene	8.292	225	151142	40.500	ng	98
35) Caprolactam	8.604	113	56873	43.048	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	181674	42.037	ng	99
37) 2-Methylnaphthalene	8.869	142	387454	40.614	ng	100
38) 1-Methylnaphthalene	8.969	142	369457	40.136	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	229334	39.951	ng	99
41) Hexachlorocyclopentadiene	9.022	237	69669	39.826	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	152111	38.933	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	166938	39.644	ng	99
46) 1,1'-Biphenyl	9.334	154	477827	39.082	ng	99
47) 2-Chloronaphthalene	9.363	162	404419	38.778	ng	99
48) 2-Nitroaniline	9.457	65	127167	42.260	ng	98
49) Acenaphthylene	9.775	152	567978	39.964	ng	99
50) Dimethylphthalate	9.634	163	470054	40.509	ng	100
51) 2,6-Dinitrotoluene	9.698	165	99437	42.332	ng	98
52) Acenaphthene	9.951	154	369154	38.842	ng	99
53) 3-Nitroaniline	9.869	138	109186	42.522	ng	99
54) 2,4-Dinitrophenol	9.981	184	51045	35.987	ng	99
55) Dibenzofuran	10.122	168	527126	39.602	ng	99
56) 4-Nitrophenol	10.034	139	77512	41.731	ng	97
57) 2,4-Dinitrotoluene	10.104	165	136325	43.353	ng	100
58) Fluorene	10.463	166	406516	40.169	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	121713	40.854	ng	98
60) Diethylphthalate	10.334	149	443003	41.414	ng	99
61) 4-Chlorophenyl-phenylether	10.457	204	236731	41.066	ng	99
62) 4-Nitroaniline	10.486	138	106296	43.469	ng	99
63) Azobenzene	10.616	77	412458	41.431	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	81746	39.889	ng	99
66) n-Nitrosodiphenylamine	10.575	169	391555	40.356	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	158394	41.135	ng	98
68) Hexachlorobenzene	11.016	284	188618	41.588	ng	98
69) Atrazine	11.104	200	125179	40.569	ng	98
70) Pentachlorophenol	11.210	266	94551	41.865	ng	100
71) Phenanthrene	11.433	178	616940	41.075	ng	99
72) Anthracene	11.486	178	618922	40.525	ng	100
73) Carbazole	11.639	167	531956	40.961	ng	100
74) Di-n-butylphthalate	11.963	149	663671	42.273	ng	100
75) Fluoranthene	12.622	202	649189	41.842	ng	99
77) Benzidine	12.745	184	226599	41.487	ng	99
78) Pyrene	12.857	202	651255	43.743	ng	100
80) Butylbenzylphthalate	13.469	149	229535	44.482	ng	97
81) Benzo(a)anthracene	14.045	228	520973	40.708	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	173413	39.531	ng	96
83) Chrysene	14.080	228	492102	41.654	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	294872	41.744	ng	100
85) Di-n-octyl phthalate	14.645	149	478580	39.268	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	645112	41.598	ng	99
88) Benzo(b)fluoranthene	15.104	252	481093	39.169	ng	99
89) Benzo(k)fluoranthene	15.133	252	499580	43.456	ng	99
90) Benzo(a)pyrene	15.474	252	468327	41.332	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	516567	41.475	ng	98
92) Benzo(g,h,i)perylene	17.498	276	517098	42.043	ng	99

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

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