

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144449.D
 Acq On : 12 Dec 2025 13:53
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Dec 12 16:22:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	206994	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	830443	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	450235	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	756551	20.000	ng	0.00
76) Chrysene-d12	13.945	240	463678	20.000	ng	0.00
86) Perylene-d12	15.380	264	413413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1339985	97.609	ng	0.00
7) Phenol-d6	6.416	99	1652646	96.514	ng	0.00
23) Nitrobenzene-d5	7.363	82	1419386	106.958	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	435745	107.048	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2644801	90.116	ng	0.00
79) Terphenyl-d14	12.898	244	2791196	95.038	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.493	88	321204	48.658	ng	99
3) Pyridine	3.222	79	894442	49.275	ng	99
4) n-Nitrosodimethylamine	3.175	42	389605	49.388	ng	98
6) Aniline	6.457	93	1153034	48.272	ng	100
8) 2-Chlorophenol	6.575	128	740117	50.286	ng	99
9) Benzaldehyde	6.346	77	740586	55.247	ng	99
10) Phenol	6.434	94	973694	48.180	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	707292	47.882	ng	98
12) 1,3-Dichlorobenzene	6.740	146	761788	47.905	ng	99
13) 1,4-Dichlorobenzene	6.816	146	761554	47.730	ng	100
14) 1,2-Dichlorobenzene	6.963	146	725134	47.857	ng	100
15) Benzyl Alcohol	6.934	79	624024	49.443	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1203951	48.296	ng	99
17) 2-Methylphenol	7.045	107	608108	49.014	ng	98
18) Hexachloroethane	7.310	117	276754	49.921	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	530885	49.082	ng	100
20) 3+4-Methylphenols	7.198	107	739102	48.484	ng	91
22) Acetophenone	7.210	105	961696	46.688	ng	98
24) Nitrobenzene	7.381	77	757725	52.633	ng	100
25) Isophorone	7.622	82	1460189	48.755	ng	99
26) 2-Nitrophenol	7.693	139	300557	47.943	ng	99
27) 2,4-Dimethylphenol	7.728	122	698821	48.902	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	876731	47.507	ng	99
29) 2,4-Dichlorophenol	7.928	162	596996	50.278	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	613259	47.619	ng	99
31) Naphthalene	8.098	128	2098015	46.941	ng	99
32) Benzoic acid	7.840	122	417479	48.238	ng	100
33) 4-Chloroaniline	8.145	127	858601	47.793	ng	100
34) Hexachlorobutadiene	8.222	225	384053	48.230	ng	99
35) Caprolactam	8.528	113	202300	51.594	ng	100
36) 4-Chloro-3-methylphenol	8.622	107	644157	49.974	ng	100
37) 2-Methylnaphthalene	8.792	142	1379986	46.928	ng	100
38) 1-Methylnaphthalene	8.887	142	1338255	46.737	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	605211	47.232	ng	100
41) Hexachlorocyclopentadiene	8.945	237	386661	50.988	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	420182	51.638	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	436065	51.059	ng	99
46) 1,1'-Biphenyl	9.257	154	1646402	46.792	ng	100
47) 2-Chloronaphthalene	9.281	162	1257262	46.807	ng	99
48) 2-Nitroaniline	9.369	65	375288	48.657	ng	98
49) Acenaphthylene	9.692	152	2036740	47.859	ng	99
50) Dimethylphthalate	9.551	163	1484426	48.810	ng	100
51) 2,6-Dinitrotoluene	9.616	165	270830	48.547	ng	96
52) Acenaphthene	9.863	154	1253434	47.239	ng	100
53) 3-Nitroaniline	9.781	138	340050	49.762	ng	97
54) 2,4-Dinitrophenol	9.881	184	105983	47.658	ng	80
55) Dibenzofuran	10.039	168	1785262	47.287	ng	99
56) 4-Nitrophenol	9.928	139	281991	54.448	ng	99
57) 2,4-Dinitrotoluene	10.016	165	374410	49.088	ng	98
58) Fluorene	10.381	166	1315013	45.998	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	344498	53.138	ng	99
60) Diethylphthalate	10.257	149	1423235	49.378	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	652018	46.484	ng	100
62) 4-Nitroaniline	10.392	138	335827	49.845	ng	97
63) Azobenzene	10.534	77	1479898	48.581	ng	100
65) 4,6-Dinitro-2-methylph...	10.422	198	160800	47.259	ng	94
66) n-Nitrosodiphenylamine	10.492	169	1212843	46.780	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	425394	48.164	ng	99
68) Hexachlorobenzene	10.922	284	469539	48.159	ng	99
69) Atrazine	11.016	200	413267	50.889	ng	100
70) Pentachlorophenol	11.116	266	285590	51.354	ng	99
71) Phenanthrene	11.339	178	2033385	46.621	ng	100
72) Anthracene	11.392	178	2057637	46.612	ng	100
73) Carbazole	11.545	167	1795985	46.864	ng	100
74) Di-n-butylphthalate	11.880	149	2071432	50.565	ng	100
75) Fluoranthene	12.522	202	2041613	47.403	ng	99
77) Benzidine	12.645	184	893313	54.107	ng	99
78) Pyrene	12.751	202	2046782	48.181	ng	100
80) Butylbenzylphthalate	13.375	149	702302	49.829	ng	99
81) Benzo(a)anthracene	13.933	228	1586063	48.573	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	462613	49.998	ng	98
83) Chrysene	13.974	228	1410034	47.184	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	834571	50.840	ng	99
85) Di-n-octyl phthalate	14.551	149	1258332	49.692	ng	100
87) Indeno(1,2,3-cd)pyrene	16.798	276	1549442	52.216	ng	99
88) Benzo(b)fluoranthene	14.969	252	1309966	48.267	ng	100
89) Benzo(k)fluoranthene	14.998	252	1249988	48.709	ng	99
90) Benzo(a)pyrene	15.321	252	1188213	50.087	ng	100
91) Dibenzo(a,h)anthracene	16.821	278	1258170	52.501	ng	99
92) Benzo(g,h,i)perylene	17.233	276	1279756	52.521	ng	99

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

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