

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144450.D
 Acq On : 12 Dec 2025 14:22
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Dec 12 16:23:22 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	203599	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	804986	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	431796	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	701480	20.000	ng	0.00
76) Chrysene-d12	13.945	240	407095	20.000	ng	0.00
86) Perylene-d12	15.380	264	388224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1550344	114.815	ng	0.00
7) Phenol-d6	6.422	99	1930064	114.595	ng	0.00
23) Nitrobenzene-d5	7.363	82	1686103	131.074	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	498579	127.715	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2973028	105.625	ng	0.00
79) Terphenyl-d14	12.898	244	2935384	113.839	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	379624	58.467	ng	100
3) Pyridine	3.222	79	1062455	59.507	ng	100
4) n-Nitrosodimethylamine	3.181	42	458078	59.037	ng	100
6) Aniline	6.463	93	1355500	57.695	ng	100
8) 2-Chlorophenol	6.581	128	865585	59.791	ng	99
9) Benzaldehyde	6.345	77	800949	60.746	ng	98
10) Phenol	6.434	94	1138324	57.266	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	830712	57.175	ng	99
12) 1,3-Dichlorobenzene	6.739	146	883414	56.480	ng	99
13) 1,4-Dichlorobenzene	6.816	146	885767	56.441	ng	99
14) 1,2-Dichlorobenzene	6.969	146	843798	56.617	ng	99
15) Benzyl Alcohol	6.939	79	737676	59.422	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1391622	56.755	ng	100
17) 2-Methylphenol	7.045	107	715267	58.613	ng	99
18) Hexachloroethane	7.310	117	325942	59.774	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	617903	58.080	ng	99
20) 3+4-Methylphenols	7.204	107	843426	56.250	ng	98
22) Acetophenone	7.210	105	1108235	55.504	ng	99
24) Nitrobenzene	7.381	77	899247	64.439	ng	99
25) Isophorone	7.622	82	1699476	58.539	ng	100
26) 2-Nitrophenol	7.698	139	374866	59.563	ng	97
27) 2,4-Dimethylphenol	7.734	122	813913	58.758	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	1013695	56.666	ng	99
29) 2,4-Dichlorophenol	7.934	162	702164	61.006	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	711575	57.001	ng	99
31) Naphthalene	8.104	128	2376721	54.859	ng	99
32) Benzoic acid	7.851	122	514235	58.747	ng	100
33) 4-Chloroaniline	8.151	127	979228	56.231	ng	99
34) Hexachlorobutadiene	8.222	225	438573	56.818	ng	99
35) Caprolactam	8.533	113	233037	61.312	ng	100
36) 4-Chloro-3-methylphenol	8.628	107	748091	59.872	ng	100
37) 2-Methylnaphthalene	8.792	142	1576198	55.296	ng	99
38) 1-Methylnaphthalene	8.892	142	1525848	54.974	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	689455	56.104	ng	99
41) Hexachlorocyclopentadiene	8.945	237	456330	62.744	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	480451	61.566	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	524426	64.027	ng	99
46) 1,1'-Biphenyl	9.257	154	1869648	55.406	ng	100
47) 2-Chloronaphthalene	9.281	162	1445106	56.098	ng	99
48) 2-Nitroaniline	9.375	65	449164	59.821	ng	99
49) Acenaphthylene	9.692	152	2304677	56.468	ng	99
50) Dimethylphthalate	9.557	163	1695794	58.141	ng	100
51) 2,6-Dinitrotoluene	9.616	165	325341	59.821	ng	95
52) Acenaphthene	9.869	154	1431885	56.268	ng	100
53) 3-Nitroaniline	9.786	138	393992	59.493	ng	99
54) 2,4-Dinitrophenol	9.886	184	135947	59.679	ng	# 54
55) Dibenzofuran	10.039	168	1997904	55.179	ng	100
56) 4-Nitrophenol	9.933	139	320310	64.488	ng	100
57) 2,4-Dinitrotoluene	10.016	165	451058	60.667	ng	98
58) Fluorene	10.380	166	1477551	53.891	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	404265	65.020	ng	100
60) Diethylphthalate	10.257	149	1620866	58.636	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	733287	54.511	ng	99
62) 4-Nitroaniline	10.398	138	392622	60.213	ng	98
63) Azobenzene	10.533	77	1660127	56.825	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	198307	59.624	ng	90
66) n-Nitrosodiphenylamine	10.492	169	1373046	57.117	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	478771	58.464	ng	97
68) Hexachlorobenzene	10.927	284	527410	58.341	ng	97
69) Atrazine	11.022	200	457935	60.817	ng	100
70) Pentachlorophenol	11.116	266	329412	63.884	ng	99
71) Phenanthrene	11.339	178	2230619	55.158	ng	99
72) Anthracene	11.392	178	2289708	55.941	ng	100
73) Carbazole	11.545	167	1968004	55.384	ng	99
74) Di-n-butylphthalate	11.880	149	2283151	60.108	ng	99
75) Fluoranthene	12.521	202	2188942	54.813	ng	99
77) Benzidine	12.645	184	824090	56.852	ng	99
78) Pyrene	12.751	202	2214882	59.384	ng	99
80) Butylbenzylphthalate	13.374	149	753778	60.190	ng	100
81) Benzo(a)anthracene	13.939	228	1666488	58.130	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	490558	60.388	ng	100
83) Chrysene	13.974	228	1485265	56.610	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	860099	59.172	ng	100
85) Di-n-octyl phthalate	14.551	149	1353915	59.432	ng	100
87) Indeno(1,2,3-cd)pyrene	16.804	276	1877153	67.364	ng	100
88) Benzo(b)fluoranthene	14.968	252	1418748	55.667	ng	100
89) Benzo(k)fluoranthene	14.998	252	1395107	57.891	ng	99
90) Benzo(a)pyrene	15.321	252	1327344	59.582	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	1493109	66.347	ng	98
92) Benzo(g,h,i)perylene	17.233	276	1524552	66.626	ng	99

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

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