

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144451.D
 Acq On : 12 Dec 2025 14:52
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Dec 12 16:24:16 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	193241	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	757617	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	404840	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	645302	20.000	ng	0.00
76) Chrysene-d12	13.951	240	347579	20.000	ng	0.00
86) Perylene-d12	15.380	264	368027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1918548	149.699	ng	0.00
7) Phenol-d6	6.428	99	2365307	147.964	ng	0.01
23) Nitrobenzene-d5	7.369	82	2122156	175.286	ng	0.01
42) 2,4,6-Tribromophenol	10.622	330	620328	169.482	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	3472325	131.578	ng	0.00
79) Terphenyl-d14	12.898	244	3320139	150.808	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	474716	77.031	ng	99
3) Pyridine	3.222	79	1330018	78.486	ng	99
4) n-Nitrosodimethylamine	3.193	42	574406	77.997	ng	99
6) Aniline	6.463	93	1676363	75.176	ng	99
8) 2-Chlorophenol	6.581	128	1079195	78.542	ng	100
9) Benzaldehyde	6.351	77	1126923	90.050	ng	100
10) Phenol	6.440	94	1410168	74.744	ng	95
11) bis(2-Chloroethyl)ether	6.540	93	1014873	73.594	ng	99
12) 1,3-Dichlorobenzene	6.740	146	1090657	73.467	ng	100
13) 1,4-Dichlorobenzene	6.816	146	1081120	72.581	ng	99
14) 1,2-Dichlorobenzene	6.969	146	1033017	73.028	ng	100
15) Benzyl Alcohol	6.940	79	907379	77.010	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1687947	72.530	ng	99
17) 2-Methylphenol	7.045	107	884868	76.397	ng	98
18) Hexachloroethane	7.310	117	406153	78.476	ng	99
19) n-Nitroso-di-n-propyla...	7.222	70	771240	76.379	ng	99
20) 3+4-Methylphenols	7.210	107	1011194	71.054	ng	91
22) Acetophenone	7.210	105	1331324	70.845	ng	# 95
24) Nitrobenzene	7.387	77	1102801	83.967	ng	98
25) Isophorone	7.628	82	2102641	76.955	ng	99
26) 2-Nitrophenol	7.698	139	494367	79.557	ng	99
27) 2,4-Dimethylphenol	7.734	122	1003447	76.970	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	1231982	73.174	ng	99
29) 2,4-Dichlorophenol	7.934	162	860785	79.463	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	863229	73.472	ng	100
31) Naphthalene	8.104	128	2876689	70.550	ng	99
32) Benzoic acid	7.863	122	706361	80.468	ng	98
33) 4-Chloroaniline	8.151	127	1207237	73.659	ng	99
34) Hexachlorobutadiene	8.222	225	542457	74.671	ng	99
35) Caprolactam	8.545	113	286572	80.111	ng	100
36) 4-Chloro-3-methylphenol	8.628	107	923600	78.541	ng	98
37) 2-Methylnaphthalene	8.792	142	1886693	70.327	ng	98
38) 1-Methylnaphthalene	8.892	142	1828106	69.981	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	834723	72.448	ng	100
41) Hexachlorocyclopentadiene	8.945	237	581708	85.309	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	614541	83.992	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	615181	80.108	ng	99
46) 1,1'-Biphenyl	9.257	154	2200885	69.565	ng	98
47) 2-Chloronaphthalene	9.281	162	1738675	71.988	ng	98
48) 2-Nitroaniline	9.375	65	570342	79.730	ng	99
49) Acenaphthylene	9.692	152	2730419	71.354	ng	99
50) Dimethylphthalate	9.557	163	2058515	75.277	ng	100
51) 2,6-Dinitrotoluene	9.622	165	413902	79.778	ng	99
52) Acenaphthene	9.869	154	1717445	71.984	ng	100
53) 3-Nitroaniline	9.786	138	493227	78.429	ng	99
54) 2,4-Dinitrophenol	9.886	184	186380	80.082	ng	# 66
55) Dibenzofuran	10.039	168	2414927	71.137	ng	99
56) 4-Nitrophenol	9.933	139	399298	85.743	ng	97
57) 2,4-Dinitrotoluene	10.022	165	556734	78.635	ng	98
58) Fluorene	10.380	166	1748510	68.020	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	496634	85.195	ng	100
60) Diethylphthalate	10.263	149	1930351	74.481	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	875713	69.433	ng	99
62) 4-Nitroaniline	10.404	138	479923	77.739	ng	98
63) Azobenzene	10.533	77	1979508	72.268	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	261245	80.204	ng	94
66) n-Nitrosodiphenylamine	10.498	169	1638489	74.092	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	583939	77.513	ng	97
68) Hexachlorobenzene	10.928	284	639036	76.843	ng	97
69) Atrazine	11.022	200	553753	79.944	ng	99
70) Pentachlorophenol	11.116	266	400905	84.518	ng	100
71) Phenanthrene	11.339	178	2620602	70.443	ng	99
72) Anthracene	11.392	178	2676502	71.084	ng	99
73) Carbazole	11.545	167	2327554	71.205	ng	100
74) Di-n-butylphthalate	11.880	149	2652370	75.908	ng	99
75) Fluoranthene	12.527	202	2515196	68.466	ng	99
77) Benzidine	12.645	184	714701	57.748	ng	100
78) Pyrene	12.751	202	2524528	79.276	ng	99
80) Butylbenzylphthalate	13.374	149	859923	79.329	ng	98
81) Benzo(a)anthracene	13.939	228	1870360	76.413	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	553909	79.862	ng	99
83) Chrysene	13.974	228	1734376	77.424	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	996433	79.252	ng	100
85) Di-n-octyl phthalate	14.551	149	1615658	80.480	ng	100
87) Indeno(1,2,3-cd)pyrene	16.809	276	2340758	88.611	ng	100
88) Benzo(b)fluoranthene	14.968	252	1872785	77.514	ng	99
89) Benzo(k)fluoranthene	14.998	252	1533403	67.122	ng	99
90) Benzo(a)pyrene	15.321	252	1642747	77.787	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	1860175	87.194	ng	98
92) Benzo(g,h,i)perylene	17.239	276	1923461	88.673	ng	99

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

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