

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144174.D
 Acq On : 05 Nov 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 05 17:24:11 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 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84549	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	313425	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	170294	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	283828	20.000	ng	0.00
76) Chrysene-d12	14.063	240	194366	20.000	ng	0.00
86) Perylene-d12	15.545	264	264861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	489170	90.538	ng	0.00
7) Phenol-d6	6.504	99	541465	88.447	ng	0.00
23) Nitrobenzene-d5	7.439	82	502493	92.595	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	192917	90.275	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1002454	86.941	ng	0.00
79) Terphenyl-d14	12.998	244	1012618	82.754	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	105785	47.358	ng	97
3) Pyridine	3.375	79	291313	46.746	ng	98
4) n-Nitrosodimethylamine	3.334	42	152767	46.930	ng	98
6) Aniline	6.540	93	389058	44.605	ng	99
8) 2-Chlorophenol	6.663	128	243472	45.950	ng	99
9) Benzaldehyde	6.428	77	141949	41.062	ng	97
10) Phenol	6.522	94	330203	44.146	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	244159	44.798	ng	97
12) 1,3-Dichlorobenzene	6.816	146	295294	45.164	ng	98
13) 1,4-Dichlorobenzene	6.892	146	290027	44.277	ng	100
14) 1,2-Dichlorobenzene	7.045	146	280070	44.609	ng	99
15) Benzyl Alcohol	7.016	79	221836	45.762	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	453774	45.212	ng	98
17) 2-Methylphenol	7.128	107	189260	44.899	ng	100
18) Hexachloroethane	7.387	117	98682	45.346	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	171911	42.657	ng	95
20) 3+4-Methylphenols	7.281	107	217734	43.819	ng	92
22) Acetophenone	7.287	105	297391	44.230	ng	96
24) Nitrobenzene	7.463	77	268336	45.541	ng	98
25) Isophorone	7.698	82	455511	44.376	ng	98
26) 2-Nitrophenol	7.775	139	136351	46.747	ng	97
27) 2,4-Dimethylphenol	7.810	122	204079	46.681	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	291202	45.429	ng	98
29) 2,4-Dichlorophenol	8.016	162	226748	45.001	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	231992	44.838	ng	99
31) Naphthalene	8.181	128	665821	44.658	ng	99
32) Benzoic acid	7.928	122	129332	40.359	ng	98
33) 4-Chloroaniline	8.228	127	241956	44.496	ng	99
34) Hexachlorobutadiene	8.292	225	181564	46.562	ng	98
35) Caprolactam	8.604	113	58430	42.327	ng	# 88
36) 4-Chloro-3-methylphenol	8.710	107	202891	44.930	ng	96
37) 2-Methylnaphthalene	8.875	142	438395	43.979	ng	99
38) 1-Methylnaphthalene	8.969	142	419784	43.644	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	250210	44.832	ng	98
41) Hexachlorocyclopentadiene	9.022	237	86860	48.007	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	174024	45.813	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186449	45.542	ng	100
46) 1,1'-Biphenyl	9.339	154	527437	44.371	ng	99
47) 2-Chloronaphthalene	9.363	162	454778	44.851	ng	99
48) 2-Nitroaniline	9.457	65	138845	47.458	ng	97
49) Acenaphthylene	9.775	152	613066	44.368	ng	99
50) Dimethylphthalate	9.633	163	497451	44.094	ng	100
51) 2,6-Dinitrotoluene	9.698	165	107091	46.892	ng	99
52) Acenaphthene	9.951	154	407187	44.067	ng	99
53) 3-Nitroaniline	9.875	138	112371	45.012	ng	99
54) 2,4-Dinitrophenol	9.981	184	56551	41.007	ng	97
55) Dibenzofuran	10.122	168	569268	43.989	ng	99
56) 4-Nitrophenol	10.033	139	78636	43.544	ng	98
57) 2,4-Dinitrotoluene	10.104	165	139501	45.629	ng	98
58) Fluorene	10.469	166	424429	43.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134554	46.453	ng	98
60) Diethylphthalate	10.333	149	457569	43.997	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	242650	43.294	ng	96
62) 4-Nitroaniline	10.486	138	108312	45.557	ng	97
63) Azobenzene	10.616	77	423631	43.768	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	85232	44.204	ng	98
66) n-Nitrosodiphenylamine	10.575	169	409670	44.877	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	161600	44.606	ng	99
68) Hexachlorobenzene	11.016	284	193574	45.364	ng	97
69) Atrazine	11.104	200	127465	43.906	ng	99
70) Pentachlorophenol	11.210	266	96941	45.622	ng	97
71) Phenanthrene	11.433	178	633088	44.800	ng	100
72) Anthracene	11.486	178	636448	44.292	ng	99
73) Carbazole	11.639	167	540957	44.273	ng	100
74) Di-n-butylphthalate	11.969	149	650810	44.060	ng	100
75) Fluoranthene	12.627	202	645856	44.244	ng	99
77) Benzidine	12.745	184	248615	43.243	ng	99
78) Pyrene	12.857	202	666673	42.540	ng	100
80) Butylbenzylphthalate	13.469	149	242259	44.602	ng	99
81) Benzo(a)anthracene	14.051	228	626599	46.515	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	214437	46.440	ng	97
83) Chrysene	14.086	228	565678	45.489	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	342489	46.061	ng	99
85) Di-n-octyl phthalate	14.645	149	616644	48.068	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	867786	45.642	ng	99
88) Benzo(b)fluoranthene	15.110	252	663728	44.079	ng	99
89) Benzo(k)fluoranthene	15.139	252	661746	46.952	ng	98
90) Benzo(a)pyrene	15.480	252	637370	45.882	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	688620	45.098	ng	98
92) Benzo(g,h,i)perylene	17.509	276	680830	45.152	ng	99

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

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