

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144447.D
 Acq On : 12 Dec 2025 12:54
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Dec 12 16:20:39 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	6.792	152	212195	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	833717	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	459054	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	754068	20.000	ng	0.00
76) Chrysene-d12	13.945	240	505213	20.000	ng	0.00
86) Perylene-d12	15.374	264	375833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	594935	42.275	ng	0.00
7) Phenol-d6	6.410	99	736917	41.981	ng	0.00
23) Nitrobenzene-d5	7.351	82	544538	40.872	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	168877	40.690	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1290489	43.126	ng	0.00
79) Terphenyl-d14	12.892	244	1347222	42.101	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	140010	20.690	ng	98
3) Pyridine	3.222	79	380414	20.444	ng	96
4) n-Nitrosodimethylamine	3.157	42	163168	20.177	ng	98
6) Aniline	6.451	93	508112	20.751	ng	100
8) 2-Chlorophenol	6.575	128	311723	20.660	ng	99
9) Benzaldehyde	6.340	77	213110	15.508	ng	100
10) Phenol	6.422	94	430367	20.773	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	317074	20.939	ng	99
12) 1,3-Dichlorobenzene	6.734	146	340308	20.876	ng	99
13) 1,4-Dichlorobenzene	6.810	146	342401	20.934	ng	99
14) 1,2-Dichlorobenzene	6.963	146	325203	20.936	ng	99
15) Benzyl Alcohol	6.928	79	261245	20.192	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	535749	20.964	ng	99
17) 2-Methylphenol	7.040	107	262416	20.633	ng	99
18) Hexachloroethane	7.310	117	115633	20.347	ng	100
19) n-Nitroso-di-n-propyla...	7.204	70	230252	20.766	ng	98
20) 3+4-Methylphenols	7.192	107	335014	21.438	ng	94
22) Acetophenone	7.198	105	439750	21.265	ng	98
24) Nitrobenzene	7.375	77	298147	20.629	ng	99
25) Isophorone	7.610	82	623156	20.725	ng	100
26) 2-Nitrophenol	7.692	139	90427	17.693	ng	100
27) 2,4-Dimethylphenol	7.722	122	298253	20.789	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	392444	21.182	ng	99
29) 2,4-Dichlorophenol	7.928	162	250606	21.023	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	271208	20.976	ng	99
31) Naphthalene	8.098	128	963426	21.471	ng	99
32) Benzoic acid	7.804	122	111231	18.059	ng	97
33) 4-Chloroaniline	8.145	127	384055	21.294	ng	99
34) Hexachlorobutadiene	8.216	225	169524	21.205	ng	99
35) Caprolactam	8.492	113	79687	20.243	ng	99
36) 4-Chloro-3-methylphenol	8.616	107	269225	20.805	ng	100
37) 2-Methylnaphthalene	8.786	142	630862	21.369	ng	99
38) 1-Methylnaphthalene	8.886	142	611737	21.280	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	273743	20.953	ng	99
41) Hexachlorocyclopentadiene	8.945	237	143358	18.541	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	175540	21.158	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	172638	19.826	ng	98
46) 1,1'-Biphenyl	9.251	154	763169	21.273	ng	98
47) 2-Chloronaphthalene	9.275	162	574057	20.961	ng	99
48) 2-Nitroaniline	9.369	65	126134	18.475	ng	97
49) Acenaphthylene	9.686	152	920973	21.225	ng	100
50) Dimethylphthalate	9.545	163	645676	20.823	ng	100
51) 2,6-Dinitrotoluene	9.610	165	84575	17.580	ng	92
52) Acenaphthene	9.863	154	563400	20.825	ng	100
53) 3-Nitroaniline	9.775	138	119276	19.091	ng	# 96
54) 2,4-Dinitrophenol	9.875	184	26033	17.518	ng	# 1
55) Dibenzofuran	10.033	168	814801	21.167	ng	98
56) 4-Nitrophenol	9.922	139	95413	18.069	ng	98
57) 2,4-Dinitrotoluene	10.010	165	115783	17.597	ng	99
58) Fluorene	10.375	166	622067	21.341	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	134703	20.379	ng	100
60) Diethylphthalate	10.251	149	604761	20.579	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	301047	21.050	ng	98
62) 4-Nitroaniline	10.380	138	121228	19.271	ng	94
63) Azobenzene	10.528	77	645751	20.791	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	41417	17.749	ng	85
66) n-Nitrosodiphenylamine	10.486	169	549399	21.260	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	184311	20.937	ng	98
68) Hexachlorobenzene	10.922	284	203342	20.925	ng	96
69) Atrazine	11.010	200	170168	21.023	ng	99
70) Pentachlorophenol	11.110	266	105720	19.073	ng	98
71) Phenanthrene	11.333	178	931221	21.421	ng	100
72) Anthracene	11.386	178	948669	21.561	ng	99
73) Carbazole	11.539	167	815963	21.362	ng	99
74) Di-n-butylphthalate	11.880	149	887808	21.743	ng	99
75) Fluoranthene	12.522	202	943851	21.987	ng	99
77) Benzidine	12.645	184	382665	21.272	ng	99
78) Pyrene	12.745	202	957876	20.694	ng	100
80) Butylbenzylphthalate	13.374	149	259109	19.027	ng	99
81) Benzo(a)anthracene	13.933	228	738906	20.769	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	203688	20.204	ng	99
83) Chrysene	13.968	228	683159	20.981	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	306659	19.071	ng	98
85) Di-n-octyl phthalate	14.545	149	371051	18.191	ng	99
87) Indeno(1,2,3-cd)pyrene	16.792	276	524279	19.435	ng	99
88) Benzo(b)fluoranthene	14.963	252	504833	20.461	ng	100
89) Benzo(k)fluoranthene	14.992	252	535002	22.932	ng	99
90) Benzo(a)pyrene	15.315	252	450661	20.896	ng	99
91) Dibenzo(a,h)anthracene	16.809	278	428660	19.676	ng	98
92) Benzo(g,h,i)perylene	17.215	276	438784	19.808	ng	100

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

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