

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143757.D
 Acq On : 15 Sep 2025 17:58
 Operator : RC/JU
 Sample : Q3082-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-29MS

Quant Time: Sep 15 18:21:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	15629	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	59287	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	33245	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	57772	20.000	ng	0.02
76) Chrysene-d12	14.068	240	33945	20.000	ng	0.02
86) Perylene-d12	15.551	264	27158	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	155974	170.269	ng	0.03
7) Phenol-d6	6.522	99	177525	159.162	ng	0.02
23) Nitrobenzene-d5	7.457	82	113851	119.446	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	64974	193.932	ng	0.02
45) 2-Fluorobiphenyl	9.251	172	258961	117.669	ng	0.00
79) Terphenyl-d14	13.016	244	278366	132.891	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.922	88	19534	47.805	ng	# 86
3) Pyridine	3.604	79	46110	43.683	ng	96
4) n-Nitrosodimethylamine	3.551	42	20902	52.130	ng	# 94
6) Aniline	6.557	93	24318	16.461	ng	98
8) 2-Chlorophenol	6.681	128	54679	55.267	ng	95
9) Benzaldehyde	6.445	77	20882	23.204	ng	96
10) Phenol	6.534	94	62981	51.082	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	50476	54.816	ng	94
12) 1,3-Dichlorobenzene	6.834	146	55903	49.406	ng	98
13) 1,4-Dichlorobenzene	6.910	146	57860	50.663	ng	97
14) 1,2-Dichlorobenzene	7.063	146	53808	49.892	ng	99
15) Benzyl Alcohol	7.034	79	46787	57.667	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.169	45	53042	44.029	ng	91
17) 2-Methylphenol	7.139	107	46224	58.080	ng	99
18) Hexachloroethane	7.410	117	17054	46.226	ng	90
19) n-Nitroso-di-n-propyla...	7.304	70	39551	57.737	ng	97
20) 3+4-Methylphenols	7.292	107	61357	58.545	ng	93
22) Acetophenone	7.304	105	84570	63.159	ng	99
24) Nitrobenzene	7.475	77	54087	54.726	ng	97
25) Isophorone	7.716	82	104997	57.447	ng	98
26) 2-Nitrophenol	7.792	139	29309	60.315	ng	96
27) 2,4-Dimethylphenol	7.822	122	53305	61.105	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	63152	56.224	ng	99
29) 2,4-Dichlorophenol	8.028	162	49673	56.607	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	50425	55.467	ng	99
31) Naphthalene	8.198	128	159749	54.431	ng	99
32) Benzoic acid	7.939	122	33346	62.656	ng	97
33) 4-Chloroaniline	8.239	127	11203	10.965	ng	96
34) Hexachlorobutadiene	8.316	225	29009	48.922	ng	98
35) Caprolactam	8.616	113	12804m	54.823	ng	
36) 4-Chloro-3-methylphenol	8.722	107	51110	59.071	ng	97
37) 2-Methylnaphthalene	8.892	142	101675	50.609	ng	99
38) 1-Methylnaphthalene	8.986	142	105258	54.593	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	58766	61.745	ng	98
41) Hexachlorocyclopentadiene	9.045	237	63324	129.596	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	39457	62.085	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	39557	61.226	ng	99
46) 1,1'-Biphenyl	9.357	154	157754	65.913	ng	100
47) 2-Chloronaphthalene	9.380	162	107681	57.390	ng	99
48) 2-Nitroaniline	9.475	65	31690	63.821	ng	96
49) Acenaphthylene	9.798	152	183351	68.219	ng	99
50) Dimethylphthalate	9.657	163	132699	61.349	ng	100
51) 2,6-Dinitrotoluene	9.716	165	28128	68.014	ng	96
52) Acenaphthene	9.969	154	118275	63.861	ng	98
53) 3-Nitroaniline	9.886	138	14027	31.517	ng	93
54) 2,4-Dinitrophenol	9.992	184	30126	131.531	ng	# 37
55) Dibenzofuran	10.145	168	159796	60.002	ng	98
56) 4-Nitrophenol	10.045	139	46032	130.005	ng	95
57) 2,4-Dinitrotoluene	10.122	165	39948	70.973	ng	97
58) Fluorene	10.486	166	131272	62.969	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34037	64.971	ng	98
60) Diethylphthalate	10.357	149	122810	60.477	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	62707	59.310	ng	98
62) 4-Nitroaniline	10.504	138	28453	67.500	ng	97
63) Azobenzene	10.639	77	109294	60.879	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	20701	70.378	ng	97
66) n-Nitrosodiphenylamine	10.598	169	111524	58.926	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	37997	54.540	ng	95
68) Hexachlorobenzene	11.033	284	41894	56.951	ng	98
69) Atrazine	11.122	200	35979	60.630	ng	99
70) Pentachlorophenol	11.227	266	53712	120.786	ng	94
71) Phenanthrene	11.451	178	186196	58.495	ng	99
72) Anthracene	11.504	178	190699	59.581	ng	100
73) Carbazole	11.657	167	167775	64.006	ng	99
74) Di-n-butylphthalate	11.986	149	193162	61.209	ng	99
75) Fluoranthene	12.639	202	183760	62.885	ng	99
77) Benzidine	12.757	184	9079	8.202	ng	97
78) Pyrene	12.868	202	186422	68.688	ng	99
80) Butylbenzylphthalate	13.486	149	63458	74.625	ng	99
81) Benzo(a)anthracene	14.057	228	130815	59.902	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	14577	21.697	ng	98
83) Chrysene	14.098	228	122460	61.227	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	76210	62.812	ng	99
85) Di-n-octyl phthalate	14.663	149	94821	43.611	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	122840	66.275	ng	98
88) Benzo(b)fluoranthene	15.115	252	95296	58.946	ng	99
89) Benzo(k)fluoranthene	15.145	252	95714	65.600	ng	98
90) Benzo(a)pyrene	15.486	252	90534	63.744	ng	98
91) Dibenzo(a,h)anthracene	17.074	278	100478	65.340	ng	98
92) Benzo(g,h,i)perylene	17.515	276	98272	68.321	ng	98

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

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