

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143758.D
 Acq On : 15 Sep 2025 18:28
 Operator : RC/JU
 Sample : Q3082-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-29MSD

Quant Time: Sep 15 18:49:02 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	17438	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	66564	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	36375	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	60029	20.000	ng	0.01
76) Chrysene-d12	14.068	240	36351	20.000	ng	0.02
86) Perylene-d12	15.551	264	28488	20.000	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	155056	151.708	ng	0.04
7) Phenol-d6	6.522	99	178424	143.373	ng	0.02
23) Nitrobenzene-d5	7.457	82	112802	105.408	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	63068	172.045	ng	0.02
45) 2-Fluorobiphenyl	9.251	172	254272	105.596	ng	0.00
79) Terphenyl-d14	13.010	244	263146	117.310	ng	0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.387	88	2809	6.161	ng	# 50
3) Pyridine	3.616	79	47462	40.300	ng	95
4) n-Nitrosodimethylamine	3.563	42	21675	48.450	ng	# 98
6) Aniline	6.557	93	25419	15.422	ng	99
8) 2-Chlorophenol	6.681	128	55984	50.716	ng	94
9) Benzaldehyde	6.445	77	20294	20.212	ng	98
10) Phenol	6.534	94	65166	47.371	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	50159	48.821	ng	92
12) 1,3-Dichlorobenzene	6.834	146	55655	44.084	ng	99
13) 1,4-Dichlorobenzene	6.910	146	57813	45.370	ng	97
14) 1,2-Dichlorobenzene	7.063	146	53927	44.815	ng	99
15) Benzyl Alcohol	7.034	79	46839	51.742	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	55139	41.021	ng	93
17) 2-Methylphenol	7.140	107	45691	51.454	ng	99
18) Hexachloroethane	7.410	117	17224	41.844	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	38355	50.182	ng	97
20) 3+4-Methylphenols	7.292	107	60905	52.085	ng	93
22) Acetophenone	7.304	105	86102	57.273	ng	99
24) Nitrobenzene	7.475	77	54181	48.828	ng	95
25) Isophorone	7.716	82	103090	50.237	ng	97
26) 2-Nitrophenol	7.792	139	30529	55.958	ng	94
27) 2,4-Dimethylphenol	7.822	122	53286	54.406	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	62734	49.746	ng	99
29) 2,4-Dichlorophenol	8.028	162	50733	51.494	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	49559	48.554	ng	99
31) Naphthalene	8.198	128	158886	48.218	ng	99
32) Benzoic acid	7.939	122	36246	60.659	ng	95
33) 4-Chloroaniline	8.239	127	10632	9.268	ng	97
34) Hexachlorobutadiene	8.316	225	28433	42.709	ng	99
35) Caprolactam	8.616	113	12433m	47.414	ng	
36) 4-Chloro-3-methylphenol	8.722	107	50433	51.916	ng	98
37) 2-Methylnaphthalene	8.886	142	102047	45.241	ng	99
38) 1-Methylnaphthalene	8.986	142	105751	48.853	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	58373	56.055	ng	99
41) Hexachlorocyclopentadiene	9.045	237	60917	113.943	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	39484	56.782	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	38670	54.703	ng	98
46) 1,1'-Biphenyl	9.357	154	155001	59.190	ng	99
47) 2-Chloronaphthalene	9.381	162	107201	52.218	ng	99
48) 2-Nitroaniline	9.475	65	30830	56.747	ng	98
49) Acenaphthylene	9.798	152	179079	60.896	ng	100
50) Dimethylphthalate	9.657	163	126062	53.266	ng	99
51) 2,6-Dinitrotoluene	9.716	165	27720	61.259	ng	94
52) Acenaphthene	9.969	154	116844	57.660	ng	100
53) 3-Nitroaniline	9.886	138	13823	28.386	ng	98
54) 2,4-Dinitrophenol	9.992	184	29996	120.198	ng	# 38
55) Dibenzofuran	10.145	168	156060	53.557	ng	97
56) 4-Nitrophenol	10.045	139	44811	115.667	ng	92
57) 2,4-Dinitrotoluene	10.122	165	37246	60.478	ng	# 99
58) Fluorene	10.486	166	125543	55.039	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34061	59.422	ng	97
60) Diethylphthalate	10.357	149	116845	52.588	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	60811	52.568	ng	99
62) 4-Nitroaniline	10.504	138	26607	57.689	ng	98
63) Azobenzene	10.639	77	106044	53.986	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	20602	67.408	ng	96
66) n-Nitrosodiphenylamine	10.598	169	104355	53.065	ng	98
67) 4-Bromophenyl-phenylether	10.969	248	36546	50.485	ng	97
68) Hexachlorobenzene	11.033	284	39557	51.752	ng	97
69) Atrazine	11.122	200	32896	53.351	ng	98
70) Pentachlorophenol	11.227	266	52263	113.109	ng	99
71) Phenanthrene	11.451	178	178471	53.960	ng	99
72) Anthracene	11.504	178	182014	54.729	ng	100
73) Carbazole	11.657	167	162733	59.748	ng	100
74) Di-n-butylphthalate	11.986	149	181360	55.308	ng	99
75) Fluoranthene	12.639	202	172709	56.881	ng	99
77) Benzidine	12.757	184	10031	8.462	ng	97
78) Pyrene	12.869	202	176082	60.584	ng	99
80) Butylbenzylphthalate	13.486	149	61088	67.083	ng	99
81) Benzo(a)anthracene	14.057	228	127619	54.571	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	15018	20.874	ng	99
83) Chrysene	14.098	228	115649	53.995	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	72292	55.639	ng	99
85) Di-n-octyl phthalate	14.663	149	88590	38.048	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	110528	56.849	ng	97
88) Benzo(b)fluoranthene	15.115	252	91578	54.002	ng	99
89) Benzo(k)fluoranthene	15.145	252	91593	59.845	ng	98
90) Benzo(a)pyrene	15.486	252	84987	57.044	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	92391	57.276	ng	98
92) Benzo(g,h,i)perylene	17.509	276	90239	59.808	ng	99

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

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