

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143370.D
 Acq On : 13 Aug 2025 12:42
 Operator : RC/JU
 Sample : Q2808-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 13 13:02:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	190071	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	752593	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	421277	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	682806	20.000	ng	0.00
76) Chrysene-d12	14.092	240	425600	20.000	ng	0.00
86) Perylene-d12	15.580	264	390381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1244887	113.259	ng	0.02
7) Phenol-d6	6.569	99	1509256	107.076	ng	0.00
23) Nitrobenzene-d5	7.493	82	1153602	95.455	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	516455	167.746	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	2024293	81.483	ng	0.00
79) Terphenyl-d14	13.033	244	2118295	88.860	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.987	88	196074	34.474	ng	# 83
3) Pyridine	3.687	79	503736	33.236	ng	99
4) n-Nitrosodimethylamine	3.610	42	293778	41.611	ng	99
6) Aniline	6.593	93	291250	14.657	ng	# 39
8) 2-Chlorophenol	6.722	128	508711	43.314	ng	97
9) Benzaldehyde	6.481	77	174007	18.678	ng	99
10) Phenol	6.581	94	582622	34.892	ng	99
11) bis(2-Chloroethyl)ether	6.663	93	529870	43.056	ng	99
12) 1,3-Dichlorobenzene	6.875	146	539794	39.846	ng	99
13) 1,4-Dichlorobenzene	6.951	146	550256	40.471	ng	100
14) 1,2-Dichlorobenzene	7.098	146	532924	41.291	ng	99
15) Benzyl Alcohol	7.069	79	484108	47.914	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	915823	41.684	ng	99
17) 2-Methylphenol	7.187	107	421064	42.472	ng	98
18) Hexachloroethane	7.445	117	185426	43.500	ng	96
19) n-Nitroso-di-n-propyla...	7.345	70	388636	44.622	ng	98
20) 3+4-Methylphenols	7.340	107	501375	41.817	ng	96
22) Acetophenone	7.334	105	690536	41.643	ng	97
24) Nitrobenzene	7.510	77	568157	43.288	ng	97
25) Isophorone	7.751	82	1093114	44.307	ng	100
26) 2-Nitrophenol	7.828	139	278125	52.507	ng	97
27) 2,4-Dimethylphenol	7.863	122	500491	48.625	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	671958	44.610	ng	99
29) 2,4-Dichlorophenol	8.069	162	457828	45.541	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	471664	44.478	ng	99
31) Naphthalene	8.234	128	1469749	40.585	ng	100
32) Benzoic acid	7.975	122	155619	37.752	ng	97
33) 4-Chloroaniline	8.275	127	135608	10.382	ng	99
34) Hexachlorobutadiene	8.351	225	278584	42.231	ng	100
35) Caprolactam	8.651	113	135854m	48.071	ng	
36) 4-Chloro-3-methylphenol	8.769	107	489371	46.434	ng	99
37) 2-Methylnaphthalene	8.922	142	934810	39.265	ng	100
38) 1-Methylnaphthalene	9.022	142	960014	41.868	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	479110	41.561	ng	99
41) Hexachlorocyclopentadiene	9.081	237	355145	86.728	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	321774	49.195	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	349198	47.277	ng	98
46) 1,1'-Biphenyl	9.387	154	1260334	42.312	ng	100
47) 2-Chloronaphthalene	9.416	162	974703	41.549	ng	99
48) 2-Nitroaniline	9.504	65	345359	50.869	ng	99
49) Acenaphthylene	9.828	152	1602536	47.303	ng	100
50) Dimethylphthalate	9.687	163	1266602	51.455	ng	100
51) 2,6-Dinitrotoluene	9.745	165	264333	56.207	ng	95
52) Acenaphthene	10.004	154	963188	42.766	ng	100
53) 3-Nitroaniline	9.916	138	116981	23.205	ng	98
54) 2,4-Dinitrophenol	10.028	184	88070	54.118	ng	# 80
55) Dibenzofuran	10.175	168	1409261	43.476	ng	100
56) 4-Nitrophenol	10.086	139	319323	79.309	ng	96
57) 2,4-Dinitrotoluene	10.151	165	361569	57.836	ng	92
58) Fluorene	10.516	166	1081757	43.691	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	299765	60.205	ng	97
60) Diethylphthalate	10.386	149	1138434	51.632	ng	98
61) 4-Chlorophenyl-phenyle...	10.504	204	546685	45.697	ng	99
62) 4-Nitroaniline	10.534	138	251185	51.501	ng	98
63) Azobenzene	10.663	77	1179720	46.843	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	105084	39.546	ng	94
66) n-Nitrosodiphenylamine	10.622	169	968942	43.096	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	362087	46.367	ng	98
68) Hexachlorobenzene	11.069	284	378815	45.003	ng	98
69) Atrazine	11.151	200	326627	55.699	ng	99
70) Pentachlorophenol	11.263	266	336697	81.591	ng	98
71) Phenanthrene	11.480	178	1577046	42.333	ng	99
72) Anthracene	11.533	178	1616799	42.794	ng	100
73) Carbazole	11.680	167	1450867	45.091	ng	99
74) Di-n-butylphthalate	12.010	149	1792579	65.837	ng	100
75) Fluoranthene	12.669	202	1582869	48.506	ng	99
77) Benzidine	12.780	184	345521	29.695	ng	98
78) Pyrene	12.898	202	1579082	44.227	ng	99
80) Butylbenzylphthalate	13.504	149	643416	88.178	ng	97
81) Benzo(a)anthracene	14.080	228	1193812	44.132	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	199916	27.369	ng	100
83) Chrysene	14.121	228	1142634	45.300	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	825069	76.885	ng	97
85) Di-n-octyl phthalate	14.674	149	1150855	54.732	ng	96
87) Indeno(1,2,3-cd)pyrene	17.110	276	1205680	43.109	ng	100
88) Benzo(b)fluoranthene	15.145	252	1009008	47.256	ng	100
89) Benzo(k)fluoranthene	15.174	252	999093	48.154	ng	99
90) Benzo(a)pyrene	15.521	252	960620	47.768	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	987546	44.198	ng	99
92) Benzo(g,h,i)perylene	17.562	276	922129	40.968	ng	99

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

