

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143358.D
 Acq On : 12 Aug 2025 17:32
 Operator : RC/JU
 Sample : Q2807-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

08/13/2025
 Supervised By :Jagrut
 Upadhyay

Quant Time: Aug 12 17:50:48 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	6.928	152	182920	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	692344	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	366844	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	555468	20.000	ng	0.00
76) Chrysene-d12	14.092	240	416428	20.000	ng	0.00
86) Perylene-d12	15.580	264	485253	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	951420	89.944	ng	0.00
7) Phenol-d6	6.563	99	1248982	92.075	ng	0.00
23) Nitrobenzene-d5	7.487	82	790054	71.062	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	321880	120.061	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1396151	64.538	ng	0.00
79) Terphenyl-d14	13.033	244	1378469	59.099	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	202404	36.978	ng	98
3) Pyridine	3.575	79	536938	36.812	ng	99
4) n-Nitrosodimethylamine	3.516	42	293233	43.157	ng	99
6) Aniline	6.593	93	508673	26.599	ng	94
8) 2-Chlorophenol	6.716	128	493385	43.651	ng	98
9) Benzaldehyde	6.481	77	290056	32.352	ng	99
10) Phenol	6.575	94	645482	40.168	ng	99
11) bis(2-Chloroethyl)ether	6.663	93	497248	41.985	ng	99
12) 1,3-Dichlorobenzene	6.875	146	538159	41.279	ng	99
13) 1,4-Dichlorobenzene	6.945	146	541866	41.412	ng	99
14) 1,2-Dichlorobenzene	7.098	146	522581	42.073	ng	99
15) Benzyl Alcohol	7.069	79	443671	45.629	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	912551	43.159	ng	96
17) 2-Methylphenol	7.181	107	407230	42.682	ng	100
18) Hexachloroethane	7.445	117	185892	45.314	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	361867	43.173	ng	100
20) 3+4-Methylphenols	7.334	107	481391	41.720	ng	97
22) Acetophenone	7.334	105	648720	42.526	ng	98
24) Nitrobenzene	7.504	77	536939	44.469	ng	99
25) Isophorone	7.745	82	1009801	44.492	ng	99
26) 2-Nitrophenol	7.822	139	251416	51.659	ng	99
27) 2,4-Dimethylphenol	7.863	122	458791	48.453	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	624694	45.081	ng	100
29) 2,4-Dichlorophenol	8.069	162	419655	45.376	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	439410	45.042	ng	99
31) Naphthalene	8.234	128	1380617	41.442	ng	100
32) Benzoic acid	7.981	122	235729	54.727	ng	96
33) 4-Chloroaniline	8.275	127	179093	14.905	ng	99
34) Hexachlorobutadiene	8.351	225	266834	43.970	ng	100
35) Caprolactam	8.645	113	137569m	52.913	ng	
36) 4-Chloro-3-methylphenol	8.763	107	439471	45.328	ng	99
37) 2-Methylnaphthalene	8.922	142	854428	39.012	ng	99
38) 1-Methylnaphthalene	9.022	142	886647	42.034	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	430702	42.905	ng	99
41) Hexachlorocyclopentadiene	9.081	237	414114	113.888	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	289029	50.746	ng	99

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44) 2,4,5-Trichlorophenol	9.245	196	307429	47.798	ng	99
46) 1,1'-Biphenyl	9.386	154	1139727	43.941	ng	100
47) 2-Chloronaphthalene	9.410	162	873358	42.753	ng	99
48) 2-Nitroaniline	9.504	65	284883	48.333	ng	99
49) Acenaphthylene	9.828	152	1424103	48.274	ng	100
50) Dimethylphthalate	9.686	163	1048412	48.911	ng	100
51) 2,6-Dinitrotoluene	9.745	165	225939	55.227	ng	93
52) Acenaphthene	9.998	154	906682	46.230	ng	100
53) 3-Nitroaniline	9.910	138	145648	33.179	ng	99
54) 2,4-Dinitrophenol	10.022	184	160114	88.430	ng	88
55) Dibenzofuran	10.175	168	1234339	43.730	ng	100
56) 4-Nitrophenol	10.081	139	309159	87.566	ng	97
57) 2,4-Dinitrotoluene	10.151	165	293766	54.165	ng	93
58) Fluorene	10.516	166	942278	43.705	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	248104	57.223	ng	98
60) Diethylphthalate	10.386	149	999890	52.077	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	465365	44.671	ng	98
62) 4-Nitroaniline	10.528	138	216183	50.901	ng	98
63) Azobenzene	10.663	77	1132778	51.653	ng	97
65) 4,6-Dinitro-2-methylph...	10.563	198	123428	53.875	ng	92
66) n-Nitrosodiphenylamine	10.622	169	839356	45.891	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	296026	46.598	ng	99
68) Hexachlorobenzene	11.069	284	302252	44.139	ng	99
69) Atrazine	11.145	200	270600	56.724	ng	99
70) Pentachlorophenol	11.263	266	314047	92.681	ng	97
71) Phenanthrene	11.480	178	1562552	51.559	ng	99
72) Anthracene	11.527	178	1399057	45.520	ng	100
73) Carbazole	11.680	167	1164859	44.502	ng	99
74) Di-n-butylphthalate	12.010	149	1466852	66.224	ng	100
75) Fluoranthene	12.669	202	1596667	60.145	ng	99
77) Benzidine	12.780	184	502788	44.163	ng	99
78) Pyrene	12.898	202	1594136	45.632	ng	99
80) Butylbenzylphthalate	13.504	149	508159	71.821	ng	99
81) Benzo(a)anthracene	14.080	228	1366635	51.634	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	179105	25.060	ng	99
83) Chrysene	14.121	228	1273528	51.602	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	753262	72.006	ng	99
85) Di-n-octyl phthalate	14.674	149	1290695	61.853	ng	97
87) Indeno(1,2,3-cd)pyrene	17.104	276	1392678	40.060	ng	100
88) Benzo(b)fluoranthene	15.145	252	1535888	57.868	ng	99
89) Benzo(k)fluoranthene	15.174	252	1122098	43.509	ng	99
90) Benzo(a)pyrene	15.521	252	1321279	52.856	ng	100
91) Dibenzo(a,h)anthracene	17.121	278	1084994	39.066	ng	99
92) Benzo(g,h,i)perylene	17.562	276	1052897	37.632	ng	99

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

