

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143493.D
 Acq On : 20 Aug 2025 19:10
 Operator : RC/JU
 Sample : Q2892-10MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-SOUTH-EMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025

Quant Time: Aug 21 06:30:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	135090	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	501059	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	277031	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	417503	20.000	ng	0.00
76) Chrysene-d12	14.098	240	232839	20.000	ng	0.00
86) Perylene-d12	15.592	264	271037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	599389	77.476	ng	0.00
7) Phenol-d6	6.563	99	739857	77.471	ng	-0.01
23) Nitrobenzene-d5	7.486	82	491481	57.239	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	207920	80.628	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	927758	55.347	ng	0.00
79) Terphenyl-d14	13.033	244	799572	59.925	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	147258	41.089	ng	99
3) Pyridine	3.598	79	395182	41.400	ng	99
4) n-Nitrosodimethylamine	3.545	42	204783	47.723	ng	99
6) Aniline	6.592	93	425800	33.356	ng	100
8) 2-Chlorophenol	6.716	128	379095	44.365	ng	99
9) Benzaldehyde	6.475	77	204496	26.448	ng	98
10) Phenol	6.581	94	485315	44.112	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	364075	44.283	ng	99
12) 1,3-Dichlorobenzene	6.869	146	431237	44.916	ng	100
13) 1,4-Dichlorobenzene	6.945	146	436688	45.343	ng	100
14) 1,2-Dichlorobenzene	7.098	146	420010	46.062	ng	100
15) Benzyl Alcohol	7.069	79	335961	46.987	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	594795	45.221	ng	97
17) 2-Methylphenol	7.186	107	313148	45.661	ng	99
18) Hexachloroethane	7.439	117	149852	45.764	ng	99
19) n-Nitroso-di-n-propyla...	7.339	70	266051	45.578	ng	99
20) 3+4-Methylphenols	7.333	107	370313	45.232	ng	98
22) Acetophenone	7.333	105	506682	46.807	ng	99
24) Nitrobenzene	7.504	77	412961	46.729	ng	99
25) Isophorone	7.745	82	747611	47.498	ng	99
26) 2-Nitrophenol	7.822	139	207954	48.038	ng	95
27) 2,4-Dimethylphenol	7.863	122	338055	50.096	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	451187	46.644	ng	100
29) 2,4-Dichlorophenol	8.069	162	324725	45.056	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	347200	46.856	ng	100
31) Naphthalene	8.233	128	1061192	44.114	ng	100
32) Benzoic acid	7.992	122	166939	44.075	ng	98
33) 4-Chloroaniline	8.275	127	143196	16.772	ng	98
34) Hexachlorobutadiene	8.351	225	215269	44.529	ng	99
35) Caprolactam	8.645	113	86466m	49.997	ng	
36) 4-Chloro-3-methylphenol	8.769	107	326067	45.146	ng	99
37) 2-Methylnaphthalene	8.922	142	653958	40.703	ng	100
38) 1-Methylnaphthalene	9.022	142	669055	43.534	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	339677	42.866	ng	99
41) Hexachlorocyclopentadiene	9.080	237	364123	115.180	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	221658	45.460	ng	98

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44) 2,4,5-Trichlorophenol	9.245	196	230088	43.200	ng	99
46) 1,1'-Biphenyl	9.386	154	895367	45.535	ng	100
47) 2-Chloronaphthalene	9.410	162	687593	44.568	ng	99
48) 2-Nitroaniline	9.504	65	212444	47.051	ng	99
49) Acenaphthylene	9.827	152	1114849	50.467	ng	100
50) Dimethylphthalate	9.686	163	779416	46.714	ng	100
51) 2,6-Dinitrotoluene	9.745	165	173228	50.095	ng	99
52) Acenaphthene	9.998	154	718537	47.906	ng	100
53) 3-Nitroaniline	9.916	138	101665	27.208	ng	98
54) 2,4-Dinitrophenol	10.027	184	156325	84.233	ng	98
55) Dibenzofuran	10.174	168	949188	44.388	ng	98
56) 4-Nitrophenol	10.086	139	216240	97.261	ng	97
57) 2,4-Dinitrotoluene	10.151	165	232906	50.442	ng	98
58) Fluorene	10.516	166	732448	44.504	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	195144	49.317	ng	98
60) Diethylphthalate	10.380	149	696514	46.561	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	362319	44.019	ng	99
62) 4-Nitroaniline	10.533	138	159164	46.374	ng	98
63) Azobenzene	10.663	77	773579	49.874	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	117693	49.996	ng	98
66) n-Nitrosodiphenylamine	10.621	169	628313	46.763	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	232125	46.598	ng	96
68) Hexachlorobenzene	11.069	284	248200	46.223	ng	99
69) Atrazine	11.145	200	174874	50.420	ng	99
70) Pentachlorophenol	11.263	266	236783	96.284	ng	99
71) Phenanthrene	11.480	178	1012630	45.292	ng	100
72) Anthracene	11.533	178	1035343	45.711	ng	100
73) Carbazole	11.686	167	833286	44.900	ng	99
74) Di-n-butylphthalate	12.010	149	842966	48.689	ng	100
75) Fluoranthene	12.668	202	882837	44.006	ng	99
77) Benzidine	12.786	184	253347	44.669	ng	99
78) Pyrene	12.898	202	862281	45.021	ng	100
80) Butylbenzylphthalate	13.510	149	262867	50.240	ng	100
81) Benzo(a)anthracene	14.086	228	673510	44.930	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	89469	20.841	ng	98
83) Chrysene	14.121	228	635776	47.195	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	399157	50.089	ng	99
85) Di-n-octyl phthalate	14.680	149	752375	50.964	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	919952	47.234	ng	100
88) Benzo(b)fluoranthene	15.156	252	721765	47.907	ng	100
89) Benzo(k)fluoranthene	15.186	252	683101	47.355	ng	100
90) Benzo(a)pyrene	15.533	252	686454	49.087	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	747266	47.906	ng	99
92) Benzo(g,h,i)perylene	17.592	276	753417	48.575	ng	99

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

