

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143492.D
 Acq On : 20 Aug 2025 18:41
 Operator : RC/JU
 Sample : Q2892-10MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Aug 21 06:28:53 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	138486	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	530660	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	284361	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	443017	20.000	ng	0.00
76) Chrysene-d12	14.098	240	247894	20.000	ng	0.00
86) Perylene-d12	15.598	264	280470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	619739	78.142	ng	0.00
7) Phenol-d6	6.563	99	773341	78.991	ng	-0.01
23) Nitrobenzene-d5	7.487	82	503827	55.404	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	214430	81.009	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	994620	57.806	ng	0.00
79) Terphenyl-d14	13.033	244	849472	59.798	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	150504	40.965	ng	98
3) Pyridine	3.599	79	404586	41.346	ng	99
4) n-Nitrosodimethylamine	3.546	42	210739	47.906	ng	98
6) Aniline	6.587	93	432309	33.036	ng	# 73
8) 2-Chlorophenol	6.716	128	395486	45.148	ng	100
9) Benzaldehyde	6.475	77	210673	26.579	ng	98
10) Phenol	6.581	94	500901	44.412	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	378662	44.928	ng	99
12) 1,3-Dichlorobenzene	6.869	146	439111	44.615	ng	100
13) 1,4-Dichlorobenzene	6.945	146	448753	45.453	ng	100
14) 1,2-Dichlorobenzene	7.098	146	433301	46.354	ng	100
15) Benzyl Alcohol	7.069	79	348089	47.489	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	625876	46.417	ng	99
17) 2-Methylphenol	7.181	107	325616	46.314	ng	96
18) Hexachloroethane	7.440	117	152008	45.284	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	273893	45.771	ng	100
20) 3+4-Methylphenols	7.334	107	376603	44.872	ng	98
22) Acetophenone	7.334	105	521008	45.445	ng	99
24) Nitrobenzene	7.504	77	428108	45.741	ng	99
25) Isophorone	7.745	82	775775	46.538	ng	100
26) 2-Nitrophenol	7.822	139	216907	47.311	ng	97
27) 2,4-Dimethylphenol	7.863	122	346068	48.423	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	468202	45.703	ng	100
29) 2,4-Dichlorophenol	8.069	162	344797	45.173	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	370927	47.266	ng	99
31) Naphthalene	8.234	128	1117420	43.860	ng	99
32) Benzoic acid	7.992	122	170930	42.795	ng	99
33) 4-Chloroaniline	8.275	127	158685	17.549	ng	99
34) Hexachlorobutadiene	8.351	225	228725	44.673	ng	99
35) Caprolactam	8.651	113	93219m	50.895	ng	
36) 4-Chloro-3-methylphenol	8.769	107	347113	45.379	ng	100
37) 2-Methylnaphthalene	8.922	142	682671	40.120	ng	99
38) 1-Methylnaphthalene	9.022	142	701912	43.125	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	362718	44.594	ng	99
41) Hexachlorocyclopentadiene	9.081	237	388369	119.431	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	237284	47.410	ng	98

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44) 2,4,5-Trichlorophenol	9.245	196	250079	45.743	ng	99
46) 1,1'-Biphenyl	9.386	154	910218	45.097	ng	100
47) 2-Chloronaphthalene	9.410	162	701460	44.294	ng	99
48) 2-Nitroaniline	9.504	65	217562	46.942	ng	99
49) Acenaphthylene	9.828	152	1132543	49.946	ng	100
50) Dimethylphthalate	9.686	163	802514	46.858	ng	100
51) 2,6-Dinitrotoluene	9.745	165	181275	51.070	ng	98
52) Acenaphthene	10.004	154	730967	47.479	ng	99
53) 3-Nitroaniline	9.916	138	105824	27.591	ng	98
54) 2,4-Dinitrophenol	10.028	184	159570	83.794	ng	96
55) Dibenzofuran	10.175	168	977587	44.537	ng	99
56) 4-Nitrophenol	10.086	139	224646	98.437	ng	94
57) 2,4-Dinitrotoluene	10.151	165	241903	51.040	ng	96
58) Fluorene	10.516	166	757478	44.838	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	210511	51.829	ng	98
60) Diethylphthalate	10.381	149	728414	47.439	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	379778	44.951	ng	99
62) 4-Nitroaniline	10.533	138	166777	47.340	ng	98
63) Azobenzene	10.663	77	801156	50.320	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	123949	49.621	ng	95
66) n-Nitrosodiphenylamine	10.622	169	644412	45.199	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	244641	46.282	ng	96
68) Hexachlorobenzene	11.069	284	259928	45.619	ng	99
69) Atrazine	11.145	200	181980	49.447	ng	99
70) Pentachlorophenol	11.263	266	250868	96.136	ng	99
71) Phenanthrene	11.480	178	1058088	44.599	ng	100
72) Anthracene	11.533	178	1091560	45.418	ng	100
73) Carbazole	11.686	167	890583	45.223	ng	99
74) Di-n-butylphthalate	12.010	149	920596	50.110	ng	99
75) Fluoranthene	12.669	202	935114	43.927	ng	100
77) Benzidine	12.786	184	266782	44.181	ng	99
78) Pyrene	12.898	202	920612	45.148	ng	100
80) Butylbenzylphthalate	13.510	149	276711	49.674	ng	100
81) Benzo(a)anthracene	14.086	228	756171	47.380	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	92641	20.269	ng	98
83) Chrysene	14.127	228	621651	43.344	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	409766	48.297	ng	100
85) Di-n-octyl phthalate	14.680	149	748067	47.595	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	927072	45.998	ng	100
88) Benzo(b)fluoranthene	15.157	252	731867	46.944	ng	100
89) Benzo(k)fluoranthene	15.186	252	710877	47.624	ng	100
90) Benzo(a)pyrene	15.533	252	719793	49.740	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	750429	46.491	ng	100
92) Benzo(g,h,i)perylene	17.592	276	758815	47.277	ng	100

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

