

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143548.D
 Acq On : 22 Aug 2025 00:52
 Operator : RC/JU
 Sample : Q2903-05MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1B-081925MS

Quant Time: Aug 22 03:01:04 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	105948	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	397799	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	203150	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	276573	20.000	ng	0.00
76) Chrysene-d12	14.098	240	217411	20.000	ng	0.00
86) Perylene-d12	15.592	264	238216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	415947	68.553	ng	0.00
7) Phenol-d6	6.557	99	331979	44.323	ng	-0.02
23) Nitrobenzene-d5	7.487	82	644812	94.590	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	241369	127.639	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1149358	93.503	ng	0.00
79) Terphenyl-d14	13.033	244	919830	73.830	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	58397	20.776	ng	99
3) Pyridine	3.575	79	131888	17.617	ng	99
4) n-Nitrosodimethylamine	3.505	42	75101	22.316	ng	96
6) Aniline	6.587	93	240591	24.032	ng	97
8) 2-Chlorophenol	6.716	128	230946	34.461	ng	100
9) Benzaldehyde	6.475	77	140772	23.214	ng	99
10) Phenol	6.575	94	139190	16.131	ng	94
11) bis(2-Chloroethyl)ether	6.651	93	253195	39.268	ng	99
12) 1,3-Dichlorobenzene	6.869	146	159172	21.139	ng	99
13) 1,4-Dichlorobenzene	6.940	146	165105	21.859	ng	99
14) 1,2-Dichlorobenzene	7.098	146	166066	23.222	ng	99
15) Benzyl Alcohol	7.063	79	188542	33.622	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	370236	35.890	ng	100
17) 2-Methylphenol	7.181	107	171564	31.897	ng	97
18) Hexachloroethane	7.440	117	47467	18.483	ng	95
19) n-Nitroso-di-n-propyla...	7.334	70	210847	46.057	ng	100
20) 3+4-Methylphenols	7.334	107	187898	29.264	ng	# 75
22) Acetophenone	7.328	105	381035	44.336	ng	96
24) Nitrobenzene	7.504	77	294716	42.005	ng	98
25) Isophorone	7.745	82	576036	46.098	ng	99
26) 2-Nitrophenol	7.822	139	148994	43.353	ng	96
27) 2,4-Dimethylphenol	7.863	122	216938	40.492	ng	96
28) bis(2-Chloroethoxy)met...	7.951	93	339970	44.270	ng	100
29) 2,4-Dichlorophenol	8.069	162	233814	40.863	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	184527	31.367	ng	99
31) Naphthalene	8.228	128	639205	33.469	ng	100
32) Benzoic acid	7.963	122	38730	16.788	ng	96
33) 4-Chloroaniline	8.275	127	134724	19.875	ng	99
34) Hexachlorobutadiene	8.345	225	95514	24.886	ng	100
35) Caprolactam	8.639	113	14581	10.620	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	233880	40.787	ng	97
37) 2-Methylnaphthalene	8.922	142	443113	34.739	ng	100
38) 1-Methylnaphthalene	9.022	142	462693	37.922	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	245428	42.236	ng	99
41) Hexachlorocyclopentadiene	9.081	237	159133	71.248	ng	100
43) 2,4,6-Trichlorophenol	9.198	196	169325	47.356	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	176397	45.164	ng	99
46) 1,1'-Biphenyl	9.386	154	650776	45.133	ng	100
47) 2-Chloronaphthalene	9.410	162	488123	43.145	ng	98
48) 2-Nitroaniline	9.504	65	163338	49.331	ng	98
49) Acenaphthylene	9.828	152	807618	49.855	ng	100
50) Dimethylphthalate	9.681	163	644198	52.651	ng	100
51) 2,6-Dinitrotoluene	9.745	165	135991	53.628	ng	98
52) Acenaphthene	9.998	154	519403	47.224	ng	99
53) 3-Nitroaniline	9.916	138	81272	29.661	ng	99
54) 2,4-Dinitrophenol	10.028	184	95719	71.207	ng	99
55) Dibenzofuran	10.169	168	707068	45.090	ng	98
56) 4-Nitrophenol	10.086	139	56697	34.776	ng	96
57) 2,4-Dinitrotoluene	10.151	165	174568	51.557	ng	97
58) Fluorene	10.516	166	539863	44.731	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	145254	50.059	ng	98
60) Diethylphthalate	10.381	149	583594	53.201	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	277518	45.978	ng	99
62) 4-Nitroaniline	10.528	138	113675	45.166	ng	97
63) Azobenzene	10.663	77	545692	47.976	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	78226	50.163	ng	99
66) n-Nitrosodiphenylamine	10.622	169	468290	52.613	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	170402	51.638	ng	96
68) Hexachlorobenzene	11.069	284	174071	48.936	ng	99
69) Atrazine	11.145	200	139899	60.890	ng	100
70) Pentachlorophenol	11.263	266	159584	97.959	ng	99
71) Phenanthrene	11.480	178	696448	47.023	ng	99
72) Anthracene	11.528	178	713441	47.550	ng	100
73) Carbazole	11.680	167	589119	47.918	ng	99
74) Di-n-butylphthalate	12.004	149	717051	62.520	ng	99
75) Fluoranthene	12.669	202	628280	47.275	ng	99
77) Benzidine	12.786	184	199014	37.580	ng	99
78) Pyrene	12.898	202	624920	34.944	ng	99
80) Butylbenzylphthalate	13.504	149	259369	53.089	ng	98
81) Benzo(a)anthracene	14.086	228	635175	45.379	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	122671	30.603	ng	99
83) Chrysene	14.121	228	593786	47.205	ng	99
84) Bis(2-ethylhexyl)phtha...	14.069	149	374379	50.313	ng	100
85) Di-n-octyl phthalate	14.680	149	661457	47.985	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	580620	33.918	ng	99
88) Benzo(b)fluoranthene	15.157	252	692246	52.278	ng	100
89) Benzo(k)fluoranthene	15.186	252	627592	49.502	ng	99
90) Benzo(a)pyrene	15.533	252	625853	50.919	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	480428	35.043	ng	100
92) Benzo(g,h,i)perylene	17.586	276	427593	31.366	ng	100

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

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