

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142480.D
 Acq On : 21 May 2025 11:37
 Operator : RC/JU
 Sample : PB168083BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168083BS

Quant Time: May 21 12:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	124824	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	495438	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	277044	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	468851	20.000	ng	0.00
76) Chrysene-d12	14.068	240	214548	20.000	ng	0.00
86) Perylene-d12	15.562	264	229705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	789637	106.578	ng	0.00
7) Phenol-d6	6.528	99	1023184	114.723	ng	0.00
23) Nitrobenzene-d5	7.463	82	630226	69.364	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	359414	116.889	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1363534	66.043	ng	0.00
79) Terphenyl-d14	13.015	244	1280646	81.570	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	96201	32.448	ng	100
3) Pyridine	3.516	79	266558	35.306	ng	99
4) n-Nitrosodimethylamine	3.469	42	148567	37.899	ng	96
6) Aniline	6.563	93	411299	34.298	ng	100
8) 2-Chlorophenol	6.686	128	342541	42.446	ng	100
9) Benzaldehyde	6.451	77	192665	35.916	ng	98
10) Phenol	6.539	94	417865	41.639	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	309767	42.881	ng	100
12) 1,3-Dichlorobenzene	6.839	146	362444	40.249	ng	100
13) 1,4-Dichlorobenzene	6.916	146	370203	40.813	ng	99
14) 1,2-Dichlorobenzene	7.069	146	355431	40.950	ng	99
15) Benzyl Alcohol	7.039	79	279366	42.387	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	500612	41.266	ng	100
17) 2-Methylphenol	7.151	107	268227	42.571	ng	99
18) Hexachloroethane	7.416	117	127582	40.280	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	227666	41.189	ng	99
20) 3+4-Methylphenols	7.304	107	334399	41.445	ng	98
22) Acetophenone	7.310	105	439615	40.084	ng	99
24) Nitrobenzene	7.481	77	337199	41.149	ng	99
25) Isophorone	7.722	82	626222	41.224	ng	99
26) 2-Nitrophenol	7.798	139	192665	44.001	ng	97
27) 2,4-Dimethylphenol	7.833	122	329798	42.710	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	383733	40.438	ng	99
29) 2,4-Dichlorophenol	8.039	162	298440	42.499	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	310974	40.804	ng	98
31) Naphthalene	8.204	128	1023370	41.950	ng	100
32) Benzoic acid	7.951	122	223837m	47.620	ng	
33) 4-Chloroaniline	8.251	127	189181m	19.138	ng	
34) Hexachlorobutadiene	8.322	225	187885	39.483	ng	100
35) Caprolactam	8.622	113	90734m	46.005	ng	
36) 4-Chloro-3-methylphenol	8.733	107	304323	42.286	ng	98
37) 2-Methylnaphthalene	8.898	142	614650	40.049	ng	100
38) 1-Methylnaphthalene	8.998	142	647702	40.800	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	312557	39.302	ng	99
41) Hexachlorocyclopentadiene	9.051	237	446528	83.232	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	222225	41.439	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	233019	41.201	ng	99
46) 1,1'-Biphenyl	9.363	154	859058	39.968	ng	100
47) 2-Chloronaphthalene	9.386	162	641274	40.382	ng	99
48) 2-Nitroaniline	9.480	65	194148	42.297	ng	97
49) Acenaphthylene	9.804	152	1082413	40.366	ng	100
50) Dimethylphthalate	9.663	163	772268	42.246	ng	100
51) 2,6-Dinitrotoluene	9.722	165	169971	43.080	ng	99
52) Acenaphthene	9.974	154	716666	43.769	ng	100
53) 3-Nitroaniline	9.892	138	115354	26.768	ng	99
54) 2,4-Dinitrophenol	9.998	184	201837	99.019	ng	93
55) Dibenzofuran	10.151	168	978668	41.535	ng	99
56) 4-Nitrophenol	10.051	139	288407	90.703	ng	99
57) 2,4-Dinitrotoluene	10.127	165	236587	45.916	ng	98
58) Fluorene	10.492	166	731497	40.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	199574	42.269	ng	99
60) Diethylphthalate	10.363	149	778235	43.590	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	353935	39.581	ng	100
62) 4-Nitroaniline	10.510	138	172618	44.166	ng	99
63) Azobenzene	10.645	77	646640	40.325	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	132075	50.477	ng	98
66) n-Nitrosodiphenylamine	10.604	169	625355	38.986	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	227003	40.947	ng	99
68) Hexachlorobenzene	11.039	284	259350	42.297	ng	98
69) Atrazine	11.127	200	199511	46.835	ng	100
70) Pentachlorophenol	11.233	266	293992	84.924	ng	99
71) Phenanthrene	11.457	178	1055879	42.140	ng	99
72) Anthracene	11.510	178	1033289	40.407	ng	99
73) Carbazole	11.657	167	950628	43.485	ng	99
74) Di-n-butylphthalate	11.986	149	1042271	43.556	ng	100
75) Fluoranthene	12.645	202	1035557	44.231	ng	99
77) Benzidine	12.763	184	421887	52.842	ng	99
78) Pyrene	12.874	202	980148	48.973	ng	100
80) Butylbenzylphthalate	13.486	149	268182	48.493	ng	99
81) Benzo(a)anthracene	14.062	228	623164	43.497	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	106125	24.423	ng	99
83) Chrysene	14.098	228	540084	41.954	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	319188	45.086	ng	100
85) Di-n-octyl phthalate	14.662	149	580953	41.968	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	812696	47.127	ng	100
88) Benzo(b)fluoranthene	15.121	252	609272	44.816	ng	99
89) Benzo(k)fluoranthene	15.151	252	521543	40.959	ng	99
90) Benzo(a)pyrene	15.498	252	561953	43.852	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	657561	47.014	ng	100
92) Benzo(g,h,i)perylene	17.533	276	664539	47.503	ng	98

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

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