

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142559.D
 Acq On : 27 May 2025 13:52
 Operator : RC/JU
 Sample : PB168164BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168164BS

Quant Time: May 27 14:22:29 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	116471	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	457208	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	253102	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	437353	20.000	ng	0.00
76) Chrysene-d12	14.074	240	239424	20.000	ng	0.00
86) Perylene-d12	15.562	264	242799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	825688	119.436	ng	0.00
7) Phenol-d6	6.528	99	1020644	122.646	ng	0.00
23) Nitrobenzene-d5	7.463	82	630545	75.202	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	360381	128.290	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1351978	71.677	ng	-0.01
79) Terphenyl-d14	13.015	244	1353642	77.261	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.751	88	97003	35.065	ng	100
3) Pyridine	3.510	79	274122	38.912	ng	98
4) n-Nitrosodimethylamine	3.463	42	150741	41.211	ng	92
6) Aniline	6.563	93	304314	27.196	ng	100
8) 2-Chlorophenol	6.681	128	327199	43.453	ng	98
9) Benzaldehyde	6.445	77	184173	36.796	ng	98
10) Phenol	6.539	94	393285	42.000	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	291076	43.183	ng	99
12) 1,3-Dichlorobenzene	6.839	146	346823	41.277	ng	99
13) 1,4-Dichlorobenzene	6.916	146	351738	41.558	ng	99
14) 1,2-Dichlorobenzene	7.069	146	336820	41.589	ng	100
15) Benzyl Alcohol	7.039	79	266224	43.289	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	477477	42.182	ng	99
17) 2-Methylphenol	7.151	107	258910	44.040	ng	99
18) Hexachloroethane	7.410	117	123385	41.749	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	213742	41.443	ng	99
20) 3+4-Methylphenols	7.304	107	319665	42.460	ng	97
22) Acetophenone	7.310	105	420389	41.536	ng	99
24) Nitrobenzene	7.481	77	320103	42.329	ng	99
25) Isophorone	7.722	82	590222	42.103	ng	98
26) 2-Nitrophenol	7.798	139	180030	44.553	ng	96
27) 2,4-Dimethylphenol	7.833	122	310841	43.621	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	372971	42.590	ng	99
29) 2,4-Dichlorophenol	8.039	162	280000	43.207	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	297803	42.343	ng	98
31) Naphthalene	8.204	128	945568	42.002	ng	100
32) Benzoic acid	7.951	122	209505	48.298	ng	98
33) 4-Chloroaniline	8.251	127	82012	8.990	ng	97
34) Hexachlorobutadiene	8.322	225	178932	40.746	ng	98
35) Caprolactam	8.622	113	89960m	49.426	ng	
36) 4-Chloro-3-methylphenol	8.733	107	290133	43.685	ng	98
37) 2-Methylnaphthalene	8.898	142	590920	41.722	ng	100
38) 1-Methylnaphthalene	8.998	142	611913	41.769	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	300020	41.294	ng	99
41) Hexachlorocyclopentadiene	9.051	237	416965	85.074	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	212065	43.285	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	225706	43.683	ng	98
46) 1,1'-Biphenyl	9.363	154	813198	41.413	ng	100
47) 2-Chloronaphthalene	9.386	162	603248	41.581	ng	99
48) 2-Nitroaniline	9.480	65	182227	43.456	ng	97
49) Acenaphthylene	9.804	152	1027176	41.930	ng	99
50) Dimethylphthalate	9.663	163	722100	43.238	ng	100
51) 2,6-Dinitrotoluene	9.722	165	161427	44.785	ng	99
52) Acenaphthene	9.975	154	692216	46.275	ng	99
53) 3-Nitroaniline	9.892	138	74067	18.813	ng	98
54) 2,4-Dinitrophenol	9.998	184	194404	104.394	ng	92
55) Dibenzofuran	10.151	168	906176	42.097	ng	98
56) 4-Nitrophenol	10.057	139	268942	92.583	ng	99
57) 2,4-Dinitrotoluene	10.127	165	224847	47.765	ng	99
58) Fluorene	10.492	166	704563	42.367	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	191578	44.414	ng	100
60) Diethylphthalate	10.363	149	720212	44.156	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	347465	42.533	ng	98
62) 4-Nitroaniline	10.510	138	168963	47.320	ng	98
63) Azobenzene	10.639	77	640824	43.743	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	119765	49.069	ng	98
66) n-Nitrosodiphenylamine	10.598	169	622740	41.619	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	220262	42.592	ng	97
68) Hexachlorobenzene	11.039	284	245175	42.865	ng	99
69) Atrazine	11.127	200	192096	48.342	ng	100
70) Pentachlorophenol	11.233	266	285057	88.274	ng	99
71) Phenanthrene	11.457	178	990202	42.365	ng	99
72) Anthracene	11.510	178	1020691	42.789	ng	99
73) Carbazole	11.657	167	897921	44.032	ng	100
74) Di-n-butylphthalate	11.986	149	1040085	46.595	ng	100
75) Fluoranthene	12.645	202	986787	45.183	ng	99
77) Benzidine	12.763	184	304851	34.216	ng	100
78) Pyrene	12.874	202	979930	43.875	ng	100
80) Butylbenzylphthalate	13.486	149	311795	50.522	ng	99
81) Benzo(a)anthracene	14.063	228	709371	44.370	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	77326	15.946	ng	99
83) Chrysene	14.098	228	622469	43.330	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	383125	48.494	ng	99
85) Di-n-octyl phthalate	14.657	149	649669	42.056	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	781448	42.871	ng	99
88) Benzo(b)fluoranthene	15.127	252	635116	44.197	ng	99
89) Benzo(k)fluoranthene	15.157	252	577208	42.886	ng	99
90) Benzo(a)pyrene	15.504	252	599603	44.267	ng	99
91) Dibenzo(a,h)anthracene	17.103	278	641508	43.393	ng	99
92) Benzo(g,h,i)perylene	17.539	276	640509	43.316	ng	99

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

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