

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143543.D
 Acq On : 21 Aug 2025 22:27
 Operator : RC/JU
 Sample : PB169330BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169330BS

Quant Time: Aug 22 01:03:56 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	107665	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	395963	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	204113	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	273930	20.000	ng	0.00
76) Chrysene-d12	14.098	240	202918	20.000	ng	0.00
86) Perylene-d12	15.592	264	235663	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	706991	114.663	ng	0.00
7) Phenol-d6	6.563	99	874345	114.874	ng	-0.01
23) Nitrobenzene-d5	7.487	82	589100	86.818	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	214459	112.874	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1080813	87.512	ng	0.00
79) Terphenyl-d14	13.033	244	814443	70.040	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.846	88	104960	36.747	ng	99
3) Pyridine	3.599	79	281285	36.974	ng	99
4) n-Nitrosodimethylamine	3.546	42	152094	44.473	ng	97
6) Aniline	6.587	93	312194	30.686	ng	# 72
8) 2-Chlorophenol	6.716	128	288819	42.409	ng	99
9) Benzaldehyde	6.475	77	152627	24.768	ng	96
10) Phenol	6.581	94	357707	40.795	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	274443	41.884	ng	98
12) 1,3-Dichlorobenzene	6.869	146	322853	42.193	ng	99
13) 1,4-Dichlorobenzene	6.945	146	327872	42.716	ng	99
14) 1,2-Dichlorobenzene	7.098	146	312209	42.961	ng	99
15) Benzyl Alcohol	7.069	79	252622	44.331	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	423117	40.362	ng	100
17) 2-Methylphenol	7.181	107	235325	43.054	ng	95
18) Hexachloroethane	7.440	117	111384	42.681	ng	97
19) n-Nitroso-di-n-propyla...	7.334	70	202977	43.630	ng	98
20) 3+4-Methylphenols	7.334	107	281070	43.076	ng	98
22) Acetophenone	7.334	105	386697	45.204	ng	98
24) Nitrobenzene	7.504	77	309504	44.318	ng	99
25) Isophorone	7.745	82	559609	44.991	ng	99
26) 2-Nitrophenol	7.822	139	154506	45.165	ng	97
27) 2,4-Dimethylphenol	7.863	122	243760	45.710	ng	96
28) bis(2-Chloroethoxy)met...	7.951	93	332506	43.499	ng	100
29) 2,4-Dichlorophenol	8.069	162	240177	42.170	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	264030	45.089	ng	100
31) Naphthalene	8.228	128	801824	42.179	ng	99
32) Benzoic acid	7.981	122	106467	36.635	ng	96
33) 4-Chloroaniline	8.275	127	134945	20.000	ng	99
34) Hexachlorobutadiene	8.351	225	168634	44.141	ng	100
35) Caprolactam	8.645	113	68716	50.280	ng	98
36) 4-Chloro-3-methylphenol	8.763	107	244557	42.847	ng	98
37) 2-Methylnaphthalene	8.922	142	485755	38.259	ng	99
38) 1-Methylnaphthalene	9.022	142	500136	41.181	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	258349	44.250	ng	99
41) Hexachlorocyclopentadiene	9.081	237	225586	97.875	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	155907	43.398	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	167580	42.704	ng	99
46) 1,1'-Biphenyl	9.386	154	647633	44.703	ng	99
47) 2-Chloronaphthalene	9.410	162	492613	43.336	ng	98
48) 2-Nitroaniline	9.504	65	152045	45.704	ng	98
49) Acenaphthylene	9.828	152	781941	48.042	ng	100
50) Dimethylphthalate	9.681	163	591297	48.099	ng	100
51) 2,6-Dinitrotoluene	9.745	165	123920	48.638	ng	98
52) Acenaphthene	9.998	154	483862	43.785	ng	100
53) 3-Nitroaniline	9.916	138	91032	33.066	ng	99
54) 2,4-Dinitrophenol	10.028	184	76209	57.524	ng	99
55) Dibenzofuran	10.169	168	674405	42.805	ng	98
56) 4-Nitrophenol	10.086	139	134283	81.975	ng	96
57) 2,4-Dinitrotoluene	10.151	165	157615	46.330	ng	98
58) Fluorene	10.516	166	507780	41.875	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	131990	45.273	ng	98
60) Diethylphthalate	10.381	149	533139	48.372	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	260876	43.017	ng	99
62) 4-Nitroaniline	10.528	138	106887	42.268	ng	97
63) Azobenzene	10.663	77	495010	43.315	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	64307	41.635	ng	99
66) n-Nitrosodiphenylamine	10.622	169	435426	49.393	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	156521	47.889	ng	96
68) Hexachlorobenzene	11.069	284	161021	45.704	ng	99
69) Atrazine	11.145	200	131130	57.624	ng	98
70) Pentachlorophenol	11.263	266	140489	87.069	ng	100
71) Phenanthrene	11.475	178	636514	43.391	ng	99
72) Anthracene	11.528	178	653069	43.946	ng	100
73) Carbazole	11.680	167	539532	44.308	ng	100
74) Di-n-butylphthalate	12.004	149	632070	55.642	ng	99
75) Fluoranthene	12.669	202	560313	42.568	ng	99
77) Benzidine	12.780	184	275760	55.790	ng	98
78) Pyrene	12.898	202	562054	33.673	ng	99
80) Butylbenzylphthalate	13.504	149	219739	48.190	ng	98
81) Benzo(a)anthracene	14.086	228	584701	44.757	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	140790	37.632	ng	97
83) Chrysene	14.121	228	537568	45.788	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	330926	47.650	ng	99
85) Di-n-octyl phthalate	14.680	149	613456	47.681	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	544248	32.138	ng	100
88) Benzo(b)fluoranthene	15.151	252	655411	50.033	ng	99
89) Benzo(k)fluoranthene	15.180	252	574225	45.783	ng	100
90) Benzo(a)pyrene	15.533	252	583328	47.974	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	452910	33.394	ng	98
92) Benzo(g,h,i)perylene	17.580	276	401493	29.771	ng	99

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

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