

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144034.D
 Acq On : 22 Oct 2025 11:23
 Operator : RC/JU
 Sample : PB170180BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170180BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/23/2025
 Supervised By :Jagrut Upadhyay 10/23/2025

Quant Time: Oct 22 12:19:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	119718	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	459704	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	246572	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	409864	20.000	ng	0.00
76) Chrysene-d12	14.062	240	219056	20.000	ng	0.00
86) Perylene-d12	15.545	264	213561	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	877798	116.435	ng	0.01
7) Phenol-d6	6.510	99	1064752	118.488	ng	0.00
23) Nitrobenzene-d5	7.445	82	658921	87.083	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	311869	126.987	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1236577	79.576	ng	-0.01
79) Terphenyl-d14	13.004	244	1229329	95.912	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	135824	38.933	ng	96
3) Pyridine	3.493	79	383553	37.766	ng	97
4) n-Nitrosodimethylamine	3.446	42	231413	43.315	ng	96
6) Aniline	6.545	93	463085	34.390	ng	97
8) 2-Chlorophenol	6.669	128	323383	43.882	ng	98
9) Benzaldehyde	6.434	77	184183	26.570	ng	100
10) Phenol	6.528	94	465127	43.295	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	363582	43.811	ng	98
12) 1,3-Dichlorobenzene	6.822	146	385966	43.754	ng	98
13) 1,4-Dichlorobenzene	6.898	146	391013	44.937	ng	99
14) 1,2-Dichlorobenzene	7.051	146	376415	45.163	ng	99
15) Benzyl Alcohol	7.022	79	308936	45.884	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	836420	44.278	ng	99
17) 2-Methylphenol	7.134	107	270072	44.345	ng	98
18) Hexachloroethane	7.392	117	129818	44.736	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	259383	42.169	ng	95
20) 3+4-Methylphenols	7.286	107	299684	42.457	ng	# 74
22) Acetophenone	7.292	105	465580	47.899	ng	98
24) Nitrobenzene	7.463	77	380006	45.224	ng	98
25) Isophorone	7.704	82	695716	43.606	ng	98
26) 2-Nitrophenol	7.781	139	191765	53.231	ng	95
27) 2,4-Dimethylphenol	7.816	122	311248	48.029	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	446575	44.311	ng	99
29) 2,4-Dichlorophenol	8.022	162	293698	43.509	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	300150	45.212	ng	98
31) Naphthalene	8.186	128	900753	43.074	ng	99
32) Benzoic acid	7.945	122	210289	46.887	ng	95
33) 4-Chloroaniline	8.233	127	184345	23.505	ng	98
34) Hexachlorobutadiene	8.304	225	201469	43.672	ng	99
35) Caprolactam	8.604	113	98243m	45.773	ng	
36) 4-Chloro-3-methylphenol	8.716	107	281138	43.358	ng	99
37) 2-Methylnaphthalene	8.880	142	553486	39.734	ng	100
38) 1-Methylnaphthalene	8.980	142	561229	41.537	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	327097	47.997	ng	98
41) Hexachlorocyclopentadiene	9.033	237	280053	99.056	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	221755	44.535	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	229126	43.543	ng	99
46) 1,1'-Biphenyl	9.345	154	773525	47.382	ng	98
47) 2-Chloronaphthalene	9.369	162	601901	44.221	ng	97
48) 2-Nitroaniline	9.463	65	208448	48.439	ng	100
49) Acenaphthylene	9.786	152	948248	49.554	ng	100
50) Dimethylphthalate	9.645	163	695536	44.420	ng	100
51) 2,6-Dinitrotoluene	9.704	165	153515	52.872	ng	97
52) Acenaphthene	9.957	154	575664	45.911	ng	98
53) 3-Nitroaniline	9.875	138	114553	32.221	ng	96
54) 2,4-Dinitrophenol	9.986	184	140703	78.686	ng	# 90
55) Dibenzofuran	10.127	168	770168	43.513	ng	99
56) 4-Nitrophenol	10.039	139	213879	79.453	ng	98
57) 2,4-Dinitrotoluene	10.110	165	203059	51.399	ng	99
58) Fluorene	10.474	166	592420	44.357	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	170373	45.739	ng	98
60) Diethylphthalate	10.345	149	647831	44.534	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	311202	44.073	ng	98
62) 4-Nitroaniline	10.492	138	149396	43.698	ng	96
63) Azobenzene	10.627	77	689787	45.371	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	108273	52.568	ng	98
66) n-Nitrosodiphenylamine	10.586	169	596101	46.319	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	198082	43.730	ng	99
68) Hexachlorobenzene	11.022	284	227930	43.465	ng	99
69) Atrazine	11.110	200	184072	47.190	ng	98
70) Pentachlorophenol	11.222	266	217677	72.275	ng	99
71) Phenanthrene	11.439	178	880155	44.295	ng	99
72) Anthracene	11.492	178	890556	44.364	ng	99
73) Carbazole	11.645	167	790245	44.449	ng	99
74) Di-n-butylphthalate	11.974	149	920963	44.696	ng	100
75) Fluoranthene	12.633	202	869646	42.371	ng	99
77) Benzidine	12.751	184	232839	30.612	ng	98
78) Pyrene	12.863	202	895799	49.051	ng	99
80) Butylbenzylphthalate	13.474	149	296852	50.051	ng	96
81) Benzo(a)anthracene	14.051	228	656992	45.831	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	141998	32.504	ng	99
83) Chrysene	14.092	228	620817	46.792	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	348458	48.738	ng	99
85) Di-n-octyl phthalate	14.651	149	556634	47.402	ng	100
87) Indeno(1,2,3-cd)pyrene	17.056	276	740956	56.623	ng	98
88) Benzo(b)fluoranthene	15.109	252	500371	40.788	ng	99
89) Benzo(k)fluoranthene	15.139	252	466903	41.132	ng	100
90) Benzo(a)pyrene	15.486	252	516671	48.572	ng	97
91) Dibenzo(a,h)anthracene	17.068	278	593880	56.429	ng	99
92) Benzo(g,h,i)perylene	17.509	276	602133	57.212	ng	97

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

