

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
 Data File : BG064231.D
 Acq On : 29 Aug 2025 17:15
 Operator : RC/JU
 Sample : PB169464BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169464BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/02/2025
 Supervised By :Jagrut Upadhyay 09/02/2025

Quant Time: Aug 29 19:00:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	27226	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	137840	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	100988	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	238356	20.000	ng	0.00
76) Chrysene-d12	21.455	240	248580	20.000	ng	# 0.00
86) Perylene-d12	24.463	264	261746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	229751	151.398	ng	0.00
7) Phenol-d6	7.031	99	335634	160.988	ng	0.00
23) Nitrobenzene-d5	9.011	82	232133	93.922	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	185489	138.670	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	591931	89.466	ng	0.00
79) Terphenyl-d14	19.845	244	1111010	93.248	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.353	88	22350	35.335	ng	97
3) Pyridine	3.740	79	63789	34.260	ng	# 60
4) n-Nitrosodimethylamine	3.658	42	56805	46.125	ng	95
6) Aniline	7.183	93	127839	44.342	ng	98
8) 2-Chlorophenol	7.424	128	105904	57.110	ng	93
9) Benzaldehyde	6.995	77	45935	26.773	ng	98
10) Phenol	7.054	94	131238	57.096	ng	95
11) bis(2-Chloroethyl)ether	7.283	93	86723	50.209	ng	99
12) 1,3-Dichlorobenzene	7.747	146	97018	49.178	ng	94
13) 1,4-Dichlorobenzene	7.894	146	100118	50.285	ng	95
14) 1,2-Dichlorobenzene	8.212	146	98766	51.398	ng	93
15) Benzyl Alcohol	8.094	79	105090	54.622	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.382	45	191858	48.652	ng	98
17) 2-Methylphenol	8.300	107	92537	54.018	ng	95
18) Hexachloroethane	8.934	117	39171	50.401	ng	87
19) n-Nitroso-di-n-propyla...	8.658	70	81215	50.900	ng	# 97
20) 3+4-Methylphenols	8.623	107	129980	54.606	ng	98
22) Acetophenone	8.676	105	166425	47.724	ng	# 99
24) Nitrobenzene	9.052	77	122378	47.391	ng	99
25) Isophorone	9.575	82	240210	46.764	ng	98
26) 2-Nitrophenol	9.763	139	55278	49.541	ng	97
27) 2,4-Dimethylphenol	9.822	122	109073	55.678	ng	99
28) bis(2-Chloroethoxy)met...	10.057	93	133784	48.302	ng	97
29) 2,4-Dichlorophenol	10.292	162	106064	51.313	ng	96
30) 1,2,4-Trichlorobenzene	10.509	180	104715	48.047	ng	97
31) Naphthalene	10.697	128	328172	45.913	ng	99
32) Benzoic acid	9.974	122	85500m	54.982	ng	
33) 4-Chloroaniline	10.803	127	85144	30.734	ng	97
34) Hexachlorobutadiene	10.985	225	72415	44.950	ng	93
35) Caprolactam	11.572	113	40110m	50.115	ng	
36) 4-Chloro-3-methylphenol	11.931	107	139319	51.949	ng	97
37) 2-Methylnaphthalene	12.307	142	228285	42.968	ng	97
38) 1-Methylnaphthalene	12.524	142	242115	46.137	ng	96
40) 1,2,4,5-Tetrachloroben...	12.677	216	132472	45.463	ng	98
41) Hexachlorocyclopentadiene	12.659	237	175351	126.622	ng	94
43) 2,4,6-Trichlorophenol	12.912	196	96477	49.537	ng	95

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44) 2,4,5-Trichlorophenol	12.983	196	109699	51.925	ng	93
46) 1,1'-Biphenyl	13.317	154	348699	47.407	ng	99
47) 2-Chloronaphthalene	13.359	162	256074	46.308	ng	97
48) 2-Nitroaniline	13.558	65	98702	52.369	ng	97
49) Acenaphthylene	14.205	152	445490	54.499	ng	97
50) Dimethylphthalate	13.946	163	372047	48.672	ng	99
51) 2,6-Dinitrotoluene	14.058	165	80773	54.583	ng	92
52) Acenaphthene	14.545	154	266287	46.161	ng	98
53) 3-Nitroaniline	14.381	138	57979	37.403	ng	# 96
54) 2,4-Dinitrophenol	14.592	184	101021	102.756	ng	88
55) Dibenzofuran	14.880	168	441724	48.682	ng	96
56) 4-Nitrophenol	14.698	139	138842	109.192	ng	95
57) 2,4-Dinitrotoluene	14.845	165	122309	54.663	ng	# 96
58) Fluorene	15.532	166	365454	49.140	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.109	232	107273	52.793	ng	98
60) Diethylphthalate	15.309	149	400516	48.959	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	178880	48.242	ng	98
62) 4-Nitroaniline	15.550	138	84214	53.241	ng	95
63) Azobenzene	15.820	77	369719	50.707	ng	98
65) 4,6-Dinitro-2-methylph...	15.609	198	72709	53.131	ng	91
66) n-Nitrosodiphenylamine	15.738	169	328189	50.052	ng	96
67) 4-Bromophenyl-phenylether	16.420	248	123626	48.832	ng	100
68) Hexachlorobenzene	16.531	284	134954	48.003	ng	95
69) Atrazine	16.690	200	133965	48.931	ng	98
70) Pentachlorophenol	16.878	266	179681	105.407	ng	93
71) Phenanthrene	17.266	178	621692	49.452	ng	98
72) Anthracene	17.354	178	632843	49.487	ng	98
73) Carbazole	17.624	167	567819	50.403	ng	99
74) Di-n-butylphthalate	18.194	149	678440	50.126	ng	99
75) Fluoranthene	19.275	202	728119	49.257	ng	99
77) Benzidine	19.457	184	251958	48.182	ng	98
78) Pyrene	19.634	202	748660	47.804	ng	98
80) Butylbenzylphthalate	20.532	149	298457	50.527	ng	97
81) Benzo(a)anthracene	21.431	228	776040	48.798	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	177170	34.207	ng	99
83) Chrysene	21.496	228	738121	48.346	ng	99
84) Bis(2-ethylhexyl)phtha...	21.361	149	442789	49.930	ng	98
85) Di-n-octyl phthalate	22.507	149	770097	49.837	ng	99
87) Indeno(1,2,3-cd)pyrene	27.853	276	902446	50.487	ng	# 91
88) Benzo(b)fluoranthene	23.517	252	760299	51.467	ng	99
89) Benzo(k)fluoranthene	23.582	252	768861	51.087	ng	97
90) Benzo(a)pyrene	24.322	252	734235	53.431	ng	99
91) Dibenzo(a,h)anthracene	27.918	278	752564	52.436	ng	99
92) Benzo(g,h,i)perylene	28.905	276	723319	51.794	ng	97

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

