

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
 Data File : BG064549.D
 Acq On : 20 Oct 2025 14:25
 Operator : RC/JU
 Sample : PB170165BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170165BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 15:20:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	13636	20.000	ng	0.00
21) Naphthalene-d8	10.606	136	56148	20.000	ng	# 0.00
39) Acenaphthene-d10	14.448	164	44549	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	109767	20.000	ng	0.00
76) Chrysene-d12	21.423	240	115066	20.000	ng	# 0.01
86) Perylene-d12	24.407	264	122784	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.412	112	80542	109.312	ng	0.00
7) Phenol-d6	7.004	99	124074	125.308	ng	0.02
23) Nitrobenzene-d5	8.973	82	87220	83.526	ng	0.00
42) 2,4,6-Tribromophenol	15.941	330	109226	135.262	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	250135	82.763	ng	0.00
79) Terphenyl-d14	19.807	244	523971	86.178	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.309	88	8665	29.732	ng	94
3) Pyridine	3.708	79	17360	22.164	ng	# 85
4) n-Nitrosodimethylamine	3.620	42	20816	36.660	ng	85
6) Aniline	7.145	93	40496	32.424	ng	97
8) 2-Chlorophenol	7.386	128	40444	44.701	ng	96
9) Benzaldehyde	6.957	77	16529	18.806	ng	92
10) Phenol	7.034	94	46653	44.664	ng	96
11) bis(2-Chloroethyl)ether	7.245	93	28699	40.572	ng	83
12) 1,3-Dichlorobenzene	7.709	146	42363	42.802	ng	95
13) 1,4-Dichlorobenzene	7.850	146	42566	42.852	ng	96
14) 1,2-Dichlorobenzene	8.168	146	43365	44.295	ng	95
15) Benzyl Alcohol	8.062	79	40960	44.919	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.338	45	40117	35.184	ng	97
17) 2-Methylphenol	8.267	107	34669	45.837	ng	95
18) Hexachloroethane	8.890	117	15340	39.124	ng	89
19) n-Nitroso-di-n-propyla...	8.626	70	27125	40.962	ng	94
20) 3+4-Methylphenols	8.597	107	46606	44.156	ng	93
22) Acetophenone	8.638	105	67129	49.378	ng	98
24) Nitrobenzene	9.014	77	45428	43.626	ng	97
25) Isophorone	9.542	82	80259	42.427	ng	# 94
26) 2-Nitrophenol	9.725	139	22785	43.964	ng	98
27) 2,4-Dimethylphenol	9.795	122	41510	52.440	ng	94
28) bis(2-Chloroethoxy)met...	10.018	93	43884	45.510	ng	99
29) 2,4-Dichlorophenol	10.265	162	43133	47.121	ng	96
30) 1,2,4-Trichlorobenzene	10.471	180	47728	47.820	ng	90
31) Naphthalene	10.659	128	129701	44.858	ng	98
32) Benzoic acid	9.977	122	28536	46.954	ng	90
33) 4-Chloroaniline	10.770	127	30068	27.100	ng	95
34) Hexachlorobutadiene	10.941	225	40500	47.382	ng	98
35) Caprolactam	11.552	113	14581	46.530	ng	# 84
36) 4-Chloro-3-methylphenol	11.904	107	53322	47.901	ng	93
37) 2-Methylnaphthalene	12.269	142	89977	40.540	ng	98
38) 1-Methylnaphthalene	12.486	142	93890m	42.425	ng	
40) 1,2,4,5-Tetrachloroben...	12.639	216	69550	48.352	ng	96
41) Hexachlorocyclopentadiene	12.615	237	95619	127.082	ng	94
43) 2,4,6-Trichlorophenol	12.886	196	41251	44.862	ng	96

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44) 2,4,5-Trichlorophenol	12.962	196	48664	47.405	ng	98
46) 1,1'-Biphenyl	13.279	154	157453	49.141	ng	99
47) 2-Chloronaphthalene	13.320	162	103546	43.284	ng	96
48) 2-Nitroaniline	13.526	65	36668	44.910	ng	98
49) Acenaphthylene	14.172	152	182191	51.304	ng	96
50) Dimethylphthalate	13.914	163	157351	45.098	ng	97
51) 2,6-Dinitrotoluene	14.025	165	35055	48.230	ng	91
52) Acenaphthene	14.513	154	109342	44.318	ng	96
53) 3-Nitroaniline	14.360	138	21818	32.549	ng	91
54) 2,4-Dinitrophenol	14.572	184	41874	79.453	ng	94
55) Dibenzofuran	14.848	168	183269	44.988	ng	99
56) 4-Nitrophenol	14.684	139	46397	87.916	ng	87
57) 2,4-Dinitrotoluene	14.819	165	52347	47.114	ng	93
58) Fluorene	15.494	166	157870	46.615	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.083	232	49925	47.653	ng	99
60) Diethylphthalate	15.271	149	171377	45.787	ng	98
61) 4-Chlorophenyl-phenyle...	15.488	204	83977	45.419	ng	98
62) 4-Nitroaniline	15.524	138	32377	46.343	ng	90
63) Azobenzene	15.782	77	133595	46.087	ng	99
65) 4,6-Dinitro-2-methylph...	15.582	198	35846	46.902	ng	95
66) n-Nitrosodiphenylamine	15.706	169	136800	46.670	ng	98
67) 4-Bromophenyl-phenylether	16.381	248	59795	46.292	ng	90
68) Hexachlorobenzene	16.499	284	69283	46.874	ng	97
69) Atrazine	16.658	200	62655	48.044	ng	96
70) Pentachlorophenol	16.852	266	83239	96.317	ng	97
71) Phenanthrene	17.233	178	261958	45.635	ng	98
72) Anthracene	17.322	178	268556	46.634	ng	97
73) Carbazole	17.598	167	233881	46.986	ng	98
74) Di-n-butylphthalate	18.156	149	278793	45.881	ng	99
75) Fluoranthene	19.243	202	312448	45.562	ng	98
77) Benzidine	19.431	184	81811	28.573	ng	99
78) Pyrene	19.607	202	319492	42.785	ng	99
80) Butylbenzylphthalate	20.500	149	121880	46.042	ng	97
81) Benzo(a)anthracene	21.399	228	337748	45.971	ng	98
82) 3,3'-Dichlorobenzidine	21.323	252	80327	32.303	ng	# 98
83) Chrysene	21.464	228	304625	43.720	ng	98
84) Bis(2-ethylhexyl)phtha...	21.323	149	172602	46.213	ng	95
85) Di-n-octyl phthalate	22.445	149	288601	45.976	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	397838	46.550	ng	# 90
88) Benzo(b)fluoranthene	23.467	252	333073	47.683	ng	98
89) Benzo(k)fluoranthene	23.526	252	323651	46.004	ng	97
90) Benzo(a)pyrene	24.266	252	316286	49.130	ng	100
91) Dibenzo(a,h)anthracene	27.827	278	332998	48.721	ng	# 94
92) Benzo(g,h,i)perylene	28.820	276	319167	48.053	ng	97

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

