

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
 Data File : BG064690.D
 Acq On : 5 Nov 2025 18:04
 Operator : RC/JU
 Sample : PB170323BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170323BS

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

11/06/2025

Supervised By :Jagrut

Upadhyay

11/06/2025

Quant Time: Nov 06 00:07:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	28224	20.000	ng	-0.02
21) Naphthalene-d8	11.031	136	122456	20.000	ng	-0.02
39) Acenaphthene-d10	14.827	164	117050	20.000	ng	-0.02
64) Phenanthrene-d10	17.565	188	322453	20.000	ng	-0.02
76) Chrysene-d12	21.842	240	306283	20.000	ng	#-0.02
86) Perylene-d12	25.167	264	313138	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	231414	137.623	ng	-0.01
7) Phenol-d6	7.347	99	326963	141.703	ng	0.00
23) Nitrobenzene-d5	9.368	82	202445	99.296	ng	-0.02
42) 2,4,6-Tribromophenol	16.313	330	317159	187.737	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	633062	81.979	ng	-0.02
79) Terphenyl-d14	20.156	244	1647069	101.484	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.563	88	20640	27.725	ng	93
3) Pyridine	3.975	79	62696	28.044	ng	97
4) n-Nitrosodimethylamine	3.881	42	46303	38.622	ng	98
6) Aniline	7.518	93	101778	32.416	ng	98
8) 2-Chlorophenol	7.764	128	93484	53.115	ng	95
9) Benzaldehyde	7.324	77	43573	34.590	ng	97
10) Phenol	7.371	94	132805	52.045	ng	94
11) bis(2-Chloroethyl)ether	7.612	93	77475	41.296	ng	97
12) 1,3-Dichlorobenzene	8.093	146	90077	44.467	ng	93
13) 1,4-Dichlorobenzene	8.240	146	93245	45.270	ng	97
14) 1,2-Dichlorobenzene	8.563	146	92618	46.619	ng	95
15) Benzyl Alcohol	8.434	79	97004	50.982	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.734	45	204403	41.535	ng	99
17) 2-Methylphenol	8.640	107	91628	54.083	ng	98
18) Hexachloroethane	9.304	117	33417	46.231	ng	87
19) n-Nitroso-di-n-propyla...	9.010	70	74910	46.976	ng	96
20) 3+4-Methylphenols	8.969	107	126113	52.930	ng	98
22) Acetophenone	9.028	105	162655	48.591	ng	94
24) Nitrobenzene	9.409	77	113208	51.052	ng	95
25) Isophorone	9.944	82	221761	45.329	ng	100
26) 2-Nitrophenol	10.126	139	52921	60.949	ng	95
27) 2,4-Dimethylphenol	10.179	122	102998	56.599	ng	96
28) bis(2-Chloroethoxy)met...	10.420	93	124674	44.759	ng	99
29) 2,4-Dichlorophenol	10.667	162	112901	57.649	ng	96
30) 1,2,4-Trichlorobenzene	10.890	180	111298	50.018	ng	97
31) Naphthalene	11.078	128	308305	45.410	ng	99
32) Benzoic acid	10.320	122	80642	56.587	ng	95
33) 4-Chloroaniline	11.178	127	61510	23.309	ng	98
34) Hexachlorobutadiene	11.372	225	86205	49.538	ng	94
35) Caprolactam	11.954	113	41182m	54.826	ng	
36) 4-Chloro-3-methylphenol	12.283	107	143632	61.015	ng	98
37) 2-Methylnaphthalene	12.676	142	225516	45.242	ng	97
38) 1-Methylnaphthalene	12.888	142	240140	48.664	ng	94
40) 1,2,4,5-Tetrachloroben...	13.035	216	193438	49.242	ng	100
41) Hexachlorocyclopentadiene	13.023	237	223672	126.501	ng	96
43) 2,4,6-Trichlorophenol	13.264	196	121987	54.288	ng	99

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44) 2,4,5-Trichlorophenol	13.340	196	144990	55.915	ng	96
46) 1,1'-Biphenyl	13.669	154	405130	48.685	ng	96
47) 2-Chloronaphthalene	13.710	162	276572	44.031	ng	98
48) 2-Nitroaniline	13.904	65	110906	52.286	ng	99
49) Acenaphthylene	14.556	152	520358	52.521	ng	99
50) Dimethylphthalate	14.274	163	441363	49.278	ng	98
51) 2,6-Dinitrotoluene	14.392	165	90251	60.199	ng	92
52) Acenaphthene	14.891	154	353967	52.292	ng	99
53) 3-Nitroaniline	14.721	138	63286	41.115	ng	94
54) 2,4-Dinitrophenol	14.921	184	110711	119.151	ng	# 36
55) Dibenzofuran	15.226	168	518959	47.422	ng	99
56) 4-Nitrophenol	15.021	139	148192	103.841	ng	91
57) 2,4-Dinitrotoluene	15.173	165	142398	61.409	ng	99
58) Fluorene	15.873	166	421717	49.344	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.444	232	160068	64.554	ng	97
60) Diethylphthalate	15.632	149	458297	50.113	ng	100
61) 4-Chlorophenyl-phenyle...	15.861	204	248958	51.907	ng	98
62) 4-Nitroaniline	15.878	138	97649	57.023	ng	89
63) Azobenzene	16.149	77	395027	47.077	ng	97
65) 4,6-Dinitro-2-methylph...	15.937	198	88833	60.956	ng	95
66) n-Nitrosodiphenylamine	16.072	169	413719	47.498	ng	98
67) 4-Bromophenyl-phenylether	16.754	248	192368	50.342	ng	96
68) Hexachlorobenzene	16.877	284	224105	51.408	ng	96
69) Atrazine	17.012	200	199521	53.229	ng	98
70) Pentachlorophenol	17.212	266	252163	92.761	ng	93
71) Phenanthrene	17.612	178	830255	47.084	ng	99
72) Anthracene	17.700	178	841691	46.923	ng	99
73) Carbazole	17.958	167	730042	46.154	ng	99
74) Di-n-butylphthalate	18.516	149	852805	46.624	ng	99
75) Fluoranthene	19.603	202	1020923	46.216	ng	97
77) Benzidine	19.768	184	222249	32.388	ng	99
78) Pyrene	19.962	202	1041432	52.043	ng	99
80) Butylbenzylphthalate	20.837	149	312954	51.745	ng	96
81) Benzo(a)anthracene	21.818	228	964996	47.517	ng	99
82) 3,3'-Dichlorobenzidine	21.724	252	224933	33.168	ng	# 98
83) Chrysene	21.889	228	900680	46.610	ng	98
84) Bis(2-ethylhexyl)phtha...	21.719	149	425322	47.063	ng	98
85) Di-n-octyl phthalate	22.976	149	696940	45.741	ng	97
87) Indeno(1,2,3-cd)pyrene	28.998	276	1131352	49.113	ng	# 96
88) Benzo(b)fluoranthene	24.110	252	935613	48.726	ng	97
89) Benzo(k)fluoranthene	24.180	252	957135m	49.812	ng	
90) Benzo(a)pyrene	25.015	252	893260	50.609	ng	99
91) Dibenzo(a,h)anthracene	29.069	278	925806	49.470	ng	97
92) Benzo(g,h,i)perylene	30.191	276	894919	50.058	ng	98

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

