

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
 Data File : BG064500.D
 Acq On : 14 Oct 2025 14:38
 Operator : RC/JU
 Sample : PB170080BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170080BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025

Quant Time: Oct 14 15:15:06 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	7.823	152	17466	20.000	ng	# 0.00
21) Naphthalene-d8	10.608	136	74043	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	55179	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	139952	20.000	ng	0.00
76) Chrysene-d12	21.413	240	153646	20.000	ng	0.00
86) Perylene-d12	24.392	264	168945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	135556	143.634	ng	0.00
7) Phenol-d6	7.001	99	176311	139.018	ng	0.01
23) Nitrobenzene-d5	8.975	82	119559	86.824	ng	0.00
42) 2,4,6-Tribromophenol	15.943	330	136382	136.355	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	325586	86.974	ng	0.00
79) Terphenyl-d14	19.809	244	715506	88.131	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	14271	38.230	ng	95
3) Pyridine	3.711	79	37495	37.373	ng	91
4) n-Nitrosodimethylamine	3.628	42	34692	47.700	ng	# 95
6) Aniline	7.154	93	47768	29.859	ng	96
8) 2-Chlorophenol	7.389	128	55145	47.584	ng	96
9) Benzaldehyde	6.966	77	23737	21.084	ng	96
10) Phenol	7.024	94	65381	48.868	ng	91
11) bis(2-Chloroethyl)ether	7.248	93	41748	46.077	ng	98
12) 1,3-Dichlorobenzene	7.712	146	60509	47.730	ng	99
13) 1,4-Dichlorobenzene	7.859	146	63000	49.515	ng	95
14) 1,2-Dichlorobenzene	8.176	146	60180	47.991	ng	96
15) Benzyl Alcohol	8.064	79	57610	49.325	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.352	45	66276	45.380	ng	93
17) 2-Methylphenol	8.270	107	48523	50.086	ng	95
18) Hexachloroethane	8.899	117	23725	47.241	ng	94
19) n-Nitroso-di-n-propyla...	8.628	70	38098	44.917	ng	95
20) 3+4-Methylphenols	8.593	107	64863	47.978	ng	93
22) Acetophenone	8.640	105	96674	53.924	ng	# 94
24) Nitrobenzene	9.022	77	63452	46.208	ng	96
25) Isophorone	9.539	82	111762	44.801	ng	# 98
26) 2-Nitrophenol	9.727	139	31142	45.567	ng	94
27) 2,4-Dimethylphenol	9.792	122	58310	55.860	ng	98
28) bis(2-Chloroethoxy)met...	10.021	93	59440	46.744	ng	97
29) 2,4-Dichlorophenol	10.262	162	59912	49.633	ng	97
30) 1,2,4-Trichlorobenzene	10.473	180	66109	50.228	ng	95
31) Naphthalene	10.661	128	175829	46.115	ng	98
32) Benzoic acid	9.956	122	41112	51.298	ng	# 89
33) 4-Chloroaniline	10.767	127	23595	16.127	ng	95
34) Hexachlorobutadiene	10.949	225	51901	46.045	ng	95
35) Caprolactam	11.537	113	20276m	49.066	ng	
36) 4-Chloro-3-methylphenol	11.901	107	72117	49.128	ng	98
37) 2-Methylnaphthalene	12.271	142	125512	42.884	ng	94
38) 1-Methylnaphthalene	12.489	142	128751	44.117	ng	99
40) 1,2,4,5-Tetrachloroben...	12.641	216	94299	52.928	ng	99
41) Hexachlorocyclopentadiene	12.624	237	137592	147.638	ng	98
43) 2,4,6-Trichlorophenol	12.882	196	59058	51.854	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.959	196	66418	52.235	ng	99
46) 1,1'-Biphenyl	13.288	154	212003	53.419	ng	98
47) 2-Chloronaphthalene	13.323	162	140615	47.456	ng	96
48) 2-Nitroaniline	13.528	65	49657	49.102	ng	86
49) Acenaphthylene	14.175	152	242700	55.177	ng	98
50) Dimethylphthalate	13.910	163	202447	46.845	ng	98
51) 2,6-Dinitrotoluene	14.028	165	44644	49.591	ng	89
52) Acenaphthene	14.516	154	140842	46.088	ng	98
53) 3-Nitroaniline	14.357	138	20887	25.158	ng	94
54) 2,4-Dinitrophenol	14.568	184	61951	94.903	ng	85
55) Dibenzofuran	14.850	168	239690	47.503	ng	100
56) 4-Nitrophenol	14.680	139	70237	107.450	ng	89
57) 2,4-Dinitrotoluene	14.815	165	67734	49.218	ng	# 96
58) Fluorene	15.497	166	205619	49.018	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.080	232	66097	50.936	ng	# 99
60) Diethylphthalate	15.279	149	218582	47.148	ng	97
61) 4-Chlorophenyl-phenyle...	15.497	204	108493	47.375	ng	95
62) 4-Nitroaniline	15.520	138	43033	49.730	ng	# 86
63) Azobenzene	15.785	77	172174	47.954	ng	97
65) 4,6-Dinitro-2-methylph...	15.585	198	47804	49.058	ng	92
66) n-Nitrosodiphenylamine	15.708	169	179143	47.934	ng	95
67) 4-Bromophenyl-phenylether	16.384	248	76655	46.545	ng	92
68) Hexachlorobenzene	16.501	284	89365	47.420	ng	96
69) Atrazine	16.660	200	88868	53.447	ng	97
70) Pentachlorophenol	16.848	266	120834	109.663	ng	98
71) Phenanthrene	17.236	178	347244	47.445	ng	98
72) Anthracene	17.324	178	357128	48.639	ng	99
73) Carbazole	17.594	167	332755	52.431	ng	99
74) Di-n-butylphthalate	18.158	149	397141	51.261	ng	100
75) Fluoranthene	19.245	202	452222	51.721	ng	99
77) Benzidine	19.427	184	100398	26.260	ng	98
78) Pyrene	19.604	202	463874	46.522	ng	98
80) Butylbenzylphthalate	20.497	149	170307	48.182	ng	99
81) Benzo(a)anthracene	21.396	228	483778	49.313	ng	98
82) 3,3'-Dichlorobenzidine	21.319	252	84901	25.569	ng	# 99
83) Chrysene	21.460	228	444105	47.734	ng	98
84) Bis(2-ethylhexyl)phtha...	21.319	149	240538	48.231	ng	98
85) Di-n-octyl phthalate	22.447	149	411128	49.050	ng	100
87) Indeno(1,2,3-cd)pyrene	27.759	276	576953	49.062	ng	98
88) Benzo(b)fluoranthene	23.458	252	464977	48.378	ng	99
89) Benzo(k)fluoranthene	23.523	252	476690	49.244	ng	98
90) Benzo(a)pyrene	24.257	252	447817	50.555	ng	97
91) Dibenzo(a,h)anthracene	27.806	278	478551	50.886	ng	97
92) Benzo(g,h,i)perylene	28.799	276	459666	50.297	ng	97

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

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