

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064752.D
 Acq On : 12 Nov 2025 16:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:59:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	32100	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	121266	20.000	ng	0.00
39) Acenaphthene-d10	14.779	164	96505	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	241350	20.000	ng	0.00
76) Chrysene-d12	21.759	240	320922	20.000	ng	0.00
86) Perylene-d12	25.020	264	330317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	292678	159.215	ng	0.00
7) Phenol-d6	7.312	99	395430	161.732	ng	0.00
23) Nitrobenzene-d5	9.333	82	419720	171.129	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	311552	165.530	ng	0.00
45) 2-Fluorobiphenyl	13.410	172	1098132	158.776	ng	0.00
79) Terphenyl-d14	20.097	244	2482378	152.157	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.534	88	54244	76.222	ng	98
3) Pyridine	3.945	79	167338	78.918	ng	97
4) n-Nitrosodimethylamine	3.851	42	85343	79.078	ng	99
6) Aniline	7.482	93	264134	81.049	ng	98
8) 2-Chlorophenol	7.729	128	161956	80.237	ng	97
9) Benzaldehyde	7.294	77	127618	79.738	ng	95
10) Phenol	7.341	94	217972	81.938	ng	98
11) bis(2-Chloroethyl)ether	7.576	93	150996	79.766	ng	98
12) 1,3-Dichlorobenzene	8.058	146	184833	79.580	ng	97
13) 1,4-Dichlorobenzene	8.205	146	186937	79.042	ng	98
14) 1,2-Dichlorobenzene	8.528	146	182159	79.436	ng	97
15) Benzyl Alcohol	8.399	79	166862	83.145	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.692	45	345673	77.148	ng	98
17) 2-Methylphenol	8.598	107	152115	80.814	ng	94
18) Hexachloroethane	9.268	117	70302	78.483	ng	98
19) n-Nitroso-di-n-propyla...	8.974	70	133452	80.726	ng	97
20) 3+4-Methylphenols	8.933	107	206758	80.182	ng	93
22) Acetophenone	8.992	105	276774	83.774	ng	# 96
24) Nitrobenzene	9.374	77	209778	84.650	ng	97
25) Isophorone	9.903	82	380468	81.460	ng	99
26) 2-Nitrophenol	10.085	139	99793	89.526	ng	96
27) 2,4-Dimethylphenol	10.144	122	163992	82.812	ng	99
28) bis(2-Chloroethoxy)met...	10.379	93	211036	82.303	ng	99
29) 2,4-Dichlorophenol	10.625	162	181140	85.199	ng	97
30) 1,2,4-Trichlorobenzene	10.849	180	211243	82.282	ng	98
31) Naphthalene	11.037	128	555384	80.791	ng	99
32) Benzoic acid	10.290	122	120088m	81.210	ng	
33) 4-Chloroaniline	11.131	127	232387	84.507	ng	98
34) Hexachlorobutadiene	11.325	225	181526	82.408	ng	98
35) Caprolactam	11.912	113	53925m	84.873	ng	
36) 4-Chloro-3-methylphenol	12.241	107	195826	82.752	ng	97
37) 2-Methylnaphthalene	12.629	142	410461	79.790	ng	99
38) 1-Methylnaphthalene	12.846	142	410081	80.251	ng	99
40) 1,2,4,5-Tetrachloroben...	12.987	216	310941	82.792	ng	100
41) Hexachlorocyclopentadiene	12.976	237	236416	87.822	ng	99
43) 2,4,6-Trichlorophenol	13.222	196	188174	85.368	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.293	196	209584	84.775	ng	99
46) 1,1'-Biphenyl	13.622	154	559459	80.715	ng	98
47) 2-Chloronaphthalene	13.663	162	442427	81.020	ng	99
48) 2-Nitroaniline	13.857	65	152081	86.588	ng	97
49) Acenaphthylene	14.503	152	749707	80.362	ng	99
50) Dimethylphthalate	14.221	163	610187	80.043	ng	99
51) 2,6-Dinitrotoluene	14.339	165	125468	85.533	ng	95
52) Acenaphthene	14.838	154	467978	83.664	ng	98
53) 3-Nitroaniline	14.668	138	124648	86.095	ng	95
54) 2,4-Dinitrophenol	14.873	184	85396	84.450	ng	96
55) Dibenzofuran	15.173	168	727625	78.683	ng	100
56) 4-Nitrophenol	14.961	139	101920	88.727	ng	88
57) 2,4-Dinitrotoluene	15.120	165	188833	85.865	ng	98
58) Fluorene	15.819	166	567083	78.187	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.390	232	207982	85.265	ng	97
60) Diethylphthalate	15.578	149	579413	79.342	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	346839	79.684	ng	99
62) 4-Nitroaniline	15.825	138	129007	86.012	ng	94
63) Azobenzene	16.095	77	473692	77.985	ng	96
65) 4,6-Dinitro-2-methylph...	15.884	198	126058	94.071	ng	96
66) n-Nitrosodiphenylamine	16.013	169	505935	80.031	ng	99
67) 4-Bromophenyl-phenylether	16.695	248	258213	81.469	ng	97
68) Hexachlorobenzene	16.818	284	311899	81.224	ng	95
69) Atrazine	16.953	200	246695	80.938	ng	98
70) Pentachlorophenol	17.153	266	185967	81.697	ng	97
71) Phenanthrene	17.552	178	1036635	78.503	ng	99
72) Anthracene	17.641	178	1075224	79.854	ng	99
73) Carbazole	17.899	167	917321	79.248	ng	99
74) Di-n-butylphthalate	18.451	149	1022641	79.189	ng	100
75) Fluoranthene	19.544	202	1397734	77.406	ng	99
77) Benzidine	19.709	184	715252	74.419	ng	98
78) Pyrene	19.903	202	1443820	80.273	ng	99
80) Butylbenzylphthalate	20.772	149	511144	80.795	ng	97
81) Benzo(a)anthracene	21.742	228	1727230	79.153	ng	99
82) 3,3'-Dichlorobenzidine	21.648	252	617916	76.933	ng	99
83) Chrysene	21.806	228	1622815	78.881	ng	99
84) Bis(2-ethylhexyl)phtha...	21.636	149	710301	76.834	ng	100
85) Di-n-octyl phthalate	22.864	149	1234609	77.260	ng	99
87) Indeno(1,2,3-cd)pyrene	28.775	276	1899785	83.713	ng	# 96
88) Benzo(b)fluoranthene	23.992	252	1712491	81.466	ng	99
89) Benzo(k)fluoranthene	24.063	252	1723708	81.620	ng	98
90) Benzo(a)pyrene	24.879	252	1583859	81.225	ng	99
91) Dibenzo(a,h)anthracene	28.833	278	1559703	83.894	ng	97
92) Benzo(g,h,i)perylene	29.938	276	1494746	83.541	ng	97

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

