

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064446.D
 Acq On : 25 Sep 2025 15:22
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:45:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 17:41:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.843	152	18610	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	80100	20.000	ng	0.00
39) Acenaphthene-d10	14.471	164	58571	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	145494	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	171978	20.000	ng	0.00
86) Perylene-d12	24.430	264	188882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	94973	97.522	ng	0.00
7) Phenol-d6	7.015	99	131799	98.786	ng	0.00
23) Nitrobenzene-d5	8.995	82	150926	102.115	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	100750	98.532	ng	0.00
45) 2-Fluorobiphenyl	13.090	172	389852	98.286	ng	0.00
79) Terphenyl-d14	19.829	244	863476	98.975	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	20663	50.562	ng	98
3) Pyridine	3.730	79	58408	53.015	ng	98
4) n-Nitrosodimethylamine	3.648	42	45348	53.884	ng	# 95
6) Aniline	7.168	93	84636	48.988	ng	96
8) 2-Chlorophenol	7.408	128	58881	48.327	ng	94
9) Benzaldehyde	6.980	77	59717m	52.585	ng	
10) Phenol	7.038	94	71489	49.488	ng	97
11) bis(2-Chloroethyl)ether	7.267	93	47211	48.673	ng	98
12) 1,3-Dichlorobenzene	7.732	146	66341	48.577	ng	99
13) 1,4-Dichlorobenzene	7.873	146	67784	48.588	ng	93
14) 1,2-Dichlorobenzene	8.190	146	63907	48.340	ng	97
15) Benzyl Alcohol	8.078	79	61588	48.991	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.360	45	82065	48.522	ng	99
17) 2-Methylphenol	8.284	107	50670	48.554	ng	95
18) Hexachloroethane	8.918	117	25794	49.006	ng	97
19) n-Nitroso-di-n-propyla...	8.642	70	44881	49.768	ng	# 96
20) 3+4-Methylphenols	8.613	107	70465	48.034	ng	98
22) Acetophenone	8.660	105	95873	49.995	ng	93
24) Nitrobenzene	9.036	77	70983	49.201	ng	99
25) Isophorone	9.559	82	131817	48.201	ng	96
26) 2-Nitrophenol	9.747	139	36410	51.270	ng	87
27) 2,4-Dimethylphenol	9.806	122	55335	48.311	ng	98
28) bis(2-Chloroethoxy)met...	10.041	93	67757	47.959	ng	96
29) 2,4-Dichlorophenol	10.282	162	65078	49.367	ng	96
30) 1,2,4-Trichlorobenzene	10.493	180	69307	49.152	ng	98
31) Naphthalene	10.675	128	199924	47.809	ng	96
32) Benzoic acid	9.970	122	46579m	54.965	ng	
33) 4-Chloroaniline	10.787	127	76830	50.226	ng	96
34) Hexachlorobutadiene	10.969	225	58045	48.328	ng	98
35) Caprolactam	11.568	113	21490	49.406	ng	# 92
36) 4-Chloro-3-methylphenol	11.915	107	75148	48.094	ng	# 89
37) 2-Methylnaphthalene	12.285	142	152551	48.312	ng	95
38) 1-Methylnaphthalene	12.508	142	149984	48.342	ng	96
40) 1,2,4,5-Tetrachloroben...	12.655	216	91972	49.271	ng	98
41) Hexachlorocyclopentadiene	12.638	237	50131	50.568	ng	96
43) 2,4,6-Trichlorophenol	12.896	196	60936	50.046	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	69550	51.525	ng	97
46) 1,1'-Biphenyl	13.302	154	207012	49.685	ng	98
47) 2-Chloronaphthalene	13.343	162	154539	48.801	ng	98
48) 2-Nitroaniline	13.542	65	56660	52.060	ng	95
49) Acenaphthylene	14.189	152	231138	49.165	ng	99
50) Dimethylphthalate	13.924	163	221509	49.505	ng	98
51) 2,6-Dinitrotoluene	14.042	165	46345	49.312	ng	90
52) Acenaphthene	14.530	154	158018	49.115	ng	96
53) 3-Nitroaniline	14.371	138	47148	52.941	ng	# 94
54) 2,4-Dinitrophenol	14.576	184	32924	52.749	ng	95
55) Dibenzofuran	14.864	168	260509	48.836	ng	99
56) 4-Nitrophenol	14.688	139	38475	53.374	ng	94
57) 2,4-Dinitrotoluene	14.829	165	72446	50.493	ng	97
58) Fluorene	15.517	166	218136	49.537	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.094	232	66227	49.990	ng	96
60) Diethylphthalate	15.293	149	238958	49.563	ng	96
61) 4-Chlorophenyl-phenyle...	15.511	204	118232	49.168	ng	97
62) 4-Nitroaniline	15.534	138	51820	54.266	ng	95
63) Azobenzene	15.799	77	186450	49.421	ng	97
65) 4,6-Dinitro-2-methylph...	15.599	198	50818	50.989	ng	97
66) n-Nitrosodiphenylamine	15.722	169	189744	48.872	ng	94
67) 4-Bromophenyl-phenylether	16.404	248	83545	49.007	ng	94
68) Hexachlorobenzene	16.521	284	92803	47.834	ng	96
69) Atrazine	16.674	200	86778	49.197	ng	99
70) Pentachlorophenol	16.862	266	60525	51.694	ng	97
71) Phenanthrene	17.250	178	371485	49.123	ng	100
72) Anthracene	17.338	178	384019	49.867	ng	98
73) Carbazole	17.608	167	341230	50.508	ng	98
74) Di-n-butylphthalate	18.172	149	438418	53.052	ng	99
75) Fluoranthene	19.259	202	503751	52.751	ng	99
77) Benzidine	19.441	184	251550	55.865	ng	99
78) Pyrene	19.624	202	533740	50.017	ng	100
80) Butylbenzylphthalate	20.517	149	200536	50.278	ng	98
81) Benzo(a)anthracene	21.421	228	542807	49.295	ng	98
82) 3,3'-Dichlorobenzidine	21.339	252	186358	49.210	ng	99
83) Chrysene	21.480	228	509883	48.894	ng	97
84) Bis(2-ethylhexyl)phtha...	21.339	149	287028	49.956	ng	99
85) Di-n-octyl phthalate	22.473	149	480896	49.238	ng	99
87) Indeno(1,2,3-cd)pyrene	27.814	276	649270	48.636	ng	98
88) Benzo(b)fluoranthene	23.490	252	532226	49.154	ng	97
89) Benzo(k)fluoranthene	23.554	252	534817	49.345	ng	97
90) Benzo(a)pyrene	24.295	252	495045	49.355	ng	99
91) Dibenzo(a,h)anthracene	27.873	278	522161	48.249	ng	98
92) Benzo(g,h,i)perylene	28.872	276	496341	47.755	ng	97

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

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