

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064221.D
 Acq On : 28 Aug 2025 12:53
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	27893	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	132216	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	97594	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	226286	20.000	ng	0.00
76) Chrysene-d12	21.450	240	233668	20.000	ng	0.00
86) Perylene-d12	24.458	264	258172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	64409	41.428	ng	0.00
7) Phenol-d6	7.019	99	88910	41.626	ng	-0.01
23) Nitrobenzene-d5	9.005	82	97869	41.282	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	52925	40.942	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	265127	41.465	ng	0.00
79) Terphenyl-d14	19.840	244	468161	41.801	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.359	88	13364	20.623	ng	89
3) Pyridine	3.753	79	38395	20.128	ng	# 52
4) n-Nitrosodimethylamine	3.665	42	25498	20.209	ng	# 84
6) Aniline	7.184	93	60202	20.382	ng	# 92
8) 2-Chlorophenol	7.419	128	38517	20.274	ng	97
9) Benzaldehyde	6.996	77	31087m	17.686	ng	
10) Phenol	7.049	94	48810	20.727	ng	99
11) bis(2-Chloroethyl)ether	7.278	93	36896	20.850	ng	94
12) 1,3-Dichlorobenzene	7.748	146	41828	20.695	ng	99
13) 1,4-Dichlorobenzene	7.895	146	41264	20.230	ng	99
14) 1,2-Dichlorobenzene	8.206	146	41178	20.917	ng	91
15) Benzyl Alcohol	8.095	79	40053	20.320	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.377	45	83088	20.566	ng	97
17) 2-Methylphenol	8.294	107	37621	21.436	ng	# 85
18) Hexachloroethane	8.935	117	16021	20.121	ng	# 82
19) n-Nitroso-di-n-propyla...	8.659	70	34556	21.139	ng	# 96
20) 3+4-Methylphenols	8.623	107	49230	20.187	ng	99
22) Acetophenone	8.670	105	69031	20.637	ng	# 95
24) Nitrobenzene	9.052	77	52070	21.022	ng	99
25) Isophorone	9.569	82	104049	21.118	ng	98
26) 2-Nitrophenol	9.757	139	22361	20.893	ng	96
27) 2,4-Dimethylphenol	9.822	122	39643	21.097	ng	97
28) bis(2-Chloroethoxy)met...	10.057	93	55148	20.758	ng	95
29) 2,4-Dichlorophenol	10.292	162	42128	21.248	ng	95
30) 1,2,4-Trichlorobenzene	10.509	180	43234	20.681	ng	92
31) Naphthalene	10.692	128	142418	20.772	ng	98
32) Benzoic acid	9.928	122	27202	18.237	ng	92
33) 4-Chloroaniline	10.797	127	54708	20.588	ng	98
34) Hexachlorobutadiene	10.991	225	31157	20.163	ng	91
35) Caprolactam	11.555	113	17073	22.239	ng	# 84
36) 4-Chloro-3-methylphenol	11.920	107	53139	20.657	ng	92
37) 2-Methylnaphthalene	12.301	142	109822	21.550	ng	96
38) 1-Methylnaphthalene	12.525	142	105864	21.031	ng	98
40) 1,2,4,5-Tetrachloroben...	12.672	216	58253	20.687	ng	99
41) Hexachlorocyclopentadiene	12.660	237	24999	18.680	ng	81
43) 2,4,6-Trichlorophenol	12.913	196	39082	20.765	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064221.D
 Acq On : 28 Aug 2025 12:53
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	42626	20.878	ng	92
46) 1,1'-Biphenyl	13.318	154	145186	20.425	ng	99
47) 2-Chloronaphthalene	13.353	162	108659	20.333	ng	97
48) 2-Nitroaniline	13.553	65	36296	19.927	ng	96
49) Acenaphthylene	14.199	152	163464	20.693	ng	98
50) Dimethylphthalate	13.935	163	153139	20.731	ng	98
51) 2,6-Dinitrotoluene	14.052	165	29384	20.547	ng	90
52) Acenaphthene	14.546	154	114630	20.562	ng	97
53) 3-Nitroaniline	14.381	138	30798	20.559	ng	95
54) 2,4-Dinitrophenol	14.587	184	13409	18.989	ng #	86
55) Dibenzofuran	14.881	168	179568	20.478	ng	100
56) 4-Nitrophenol	14.687	139	24395	19.853	ng	91
57) 2,4-Dinitrotoluene	14.840	165	45085	20.850	ng	94
58) Fluorene	15.527	166	151193	21.037	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.104	232	40905	20.831	ng	98
60) Diethylphthalate	15.304	149	162465	20.550	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	74031	20.660	ng	93
62) 4-Nitroaniline	15.539	138	30317	19.833	ng	97
63) Azobenzene	15.815	77	147419	20.922	ng	96
65) 4,6-Dinitro-2-methylph...	15.603	198	24257	18.671	ng	93
66) n-Nitrosodiphenylamine	15.739	169	129237	20.761	ng	98
67) 4-Bromophenyl-phenylether	16.414	248	49269	20.499	ng	93
68) Hexachlorobenzene	16.532	284	55170	20.671	ng	93
69) Atrazine	16.685	200	52170	20.072	ng	99
70) Pentachlorophenol	16.873	266	30473	18.830	ng	88
71) Phenanthrene	17.260	178	246727	20.672	ng	98
72) Anthracene	17.354	178	247090	20.352	ng	99
73) Carbazole	17.619	167	217200	20.308	ng	99
74) Di-n-butylphthalate	18.195	149	259387	20.187	ng	98
75) Fluoranthene	19.276	202	287131	20.461	ng	97
77) Benzidine	19.458	184	122689	24.959	ng	99
78) Pyrene	19.634	202	300446	20.409	ng	98
80) Butylbenzylphthalate	20.533	149	114931	20.699	ng	97
81) Benzo(a)anthracene	21.432	228	306551	20.506	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	102925	21.141	ng	100
83) Chrysene	21.497	228	293057	20.420	ng	98
84) Bis(2-ethylhexyl)phtha...	21.361	149	167957	20.148	ng #	96
85) Di-n-octyl phthalate	22.501	149	295768	20.362	ng	100
87) Indeno(1,2,3-cd)pyrene	27.842	276	357251	20.263	ng #	96
88) Benzo(b)fluoranthene	23.512	252	295568	20.285	ng	98
89) Benzo(k)fluoranthene	23.576	252	304190	20.492	ng	97
90) Benzo(a)pyrene	24.317	252	277917	20.504	ng	98
91) Dibenzo(a,h)anthracene	27.901	278	287627	20.318	ng	95
92) Benzo(g,h,i)perylene	28.900	276	276197	20.051	ng	99

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

