

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082725\
 Data File : BG064210.D
 Acq On : 27 Aug 2025 14:15
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/28/2025
 Supervised By :Jagrut Upadhyay 08/28/2025

Quant Time: Aug 27 17:47:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 27 17:42:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	27447	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	132653	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	93974	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	214749	20.000	ng	0.00
76) Chrysene-d12	21.449	240	225305	20.000	ng	0.00
86) Perylene-d12	24.463	264	244017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	59153	41.286	ng	0.00
7) Phenol-d6	7.025	99	88107	41.588	ng	0.00
23) Nitrobenzene-d5	9.005	82	95542	40.662	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	50815	41.492	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	252390	42.486	ng	0.00
79) Terphenyl-d14	19.839	244	453559	42.536	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	13640	20.663	ng	88
3) Pyridine	3.758	79	37476	20.154	ng	88
4) n-Nitrosodimethylamine	3.670	42	25673	20.545	ng	92
6) Aniline	7.183	93	57980	20.163	ng	99
8) 2-Chlorophenol	7.424	128	37808	20.547	ng	95
9) Benzaldehyde	6.995	77	29678	17.464	ng	93
10) Phenol	7.048	94	48661	20.839	ng	96
11) bis(2-Chloroethyl)ether	7.283	93	35461	21.015	ng	96
12) 1,3-Dichlorobenzene	7.747	146	40678	20.952	ng	97
13) 1,4-Dichlorobenzene	7.894	146	40590	20.297	ng	99
14) 1,2-Dichlorobenzene	8.211	146	38664	20.000	ng	94
15) Benzyl Alcohol	8.088	79	38533	19.901	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.376	45	80762	20.774	ng	98
17) 2-Methylphenol	8.294	107	35303	20.973	ng	93
18) Hexachloroethane	8.934	117	15907	20.742	ng	99
19) n-Nitroso-di-n-propyla...	8.658	70	34629	21.604	ng	# 95
20) 3+4-Methylphenols	8.617	107	48339	20.337	ng	96
22) Acetophenone	8.670	105	67274	20.268	ng	# 94
24) Nitrobenzene	9.052	77	48727	19.954	ng	98
25) Isophorone	9.575	82	98618	19.940	ng	98
26) 2-Nitrophenol	9.763	139	19694	18.704	ng	# 92
27) 2,4-Dimethylphenol	9.821	122	37900	19.897	ng	98
28) bis(2-Chloroethoxy)met...	10.056	93	53126	19.951	ng	95
29) 2,4-Dichlorophenol	10.291	162	40047	20.402	ng	96
30) 1,2,4-Trichlorobenzene	10.509	180	42401	20.284	ng	94
31) Naphthalene	10.697	128	136191	20.108	ng	98
32) Benzoic acid	9.933	122	30334m	18.799	ng	
33) 4-Chloroaniline	10.797	127	53347	20.162	ng	98
34) Hexachlorobutadiene	10.985	225	31122	20.338	ng	97
35) Caprolactam	11.555	113	15058	19.159	ng	# 87
36) 4-Chloro-3-methylphenol	11.925	107	50496	19.754	ng	97
37) 2-Methylnaphthalene	12.307	142	101403	20.241	ng	99
38) 1-Methylnaphthalene	12.524	142	101082	20.339	ng	94
40) 1,2,4,5-Tetrachloroben...	12.671	216	52526	20.237	ng	96
41) Hexachlorocyclopentadiene	12.659	237	22266	18.357	ng	99
43) 2,4,6-Trichlorophenol	12.912	196	37016	20.773	ng	99

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44) 2,4,5-Trichlorophenol	12.982	196	40433	20.480	ng	93
46) 1,1'-Biphenyl	13.317	154	140091	21.025	ng	95
47) 2-Chloronaphthalene	13.358	162	105141	21.143	ng	97
48) 2-Nitroaniline	13.552	65	34376	19.942	ng	95
49) Acenaphthylene	14.204	152	154297	20.901	ng	98
50) Dimethylphthalate	13.940	163	143292	20.323	ng	98
51) 2,6-Dinitrotoluene	14.052	165	27181	20.420	ng	97
52) Acenaphthene	14.545	154	108206	20.877	ng	98
53) 3-Nitroaniline	14.381	138	28805	20.978	ng	# 97
54) 2,4-Dinitrophenol	14.586	184	13115	18.985	ng	96
55) Dibenzofuran	14.880	168	170074	20.680	ng	98
56) 4-Nitrophenol	14.686	139	22078	18.570	ng	95
57) 2,4-Dinitrotoluene	14.839	165	41144	20.144	ng	99
58) Fluorene	15.526	166	138428	20.600	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.103	232	37331	19.986	ng	# 97
60) Diethylphthalate	15.303	149	152175	20.107	ng	97
61) 4-Chlorophenyl-phenyle...	15.526	204	71589	20.644	ng	97
62) 4-Nitroaniline	15.544	138	30039	20.234	ng	92
63) Azobenzene	15.814	77	133490	20.071	ng	96
65) 4,6-Dinitro-2-methylph...	15.603	198	22965	18.765	ng	94
66) n-Nitrosodiphenylamine	15.738	169	121879	20.975	ng	98
67) 4-Bromophenyl-phenylether	16.419	248	46318	20.520	ng	99
68) Hexachlorobenzene	16.531	284	50692	20.897	ng	99
69) Atrazine	16.684	200	50701	20.623	ng	96
70) Pentachlorophenol	16.872	266	29556	19.198	ng	96
71) Phenanthrene	17.265	178	231364	20.859	ng	99
72) Anthracene	17.354	178	233579	20.791	ng	98
73) Carbazole	17.624	167	208372	20.770	ng	98
74) Di-n-butylphthalate	18.194	149	255467	20.934	ng	99
75) Fluoranthene	19.275	202	276061	20.824	ng	99
77) Benzidine	19.457	184	117303	25.148	ng	97
78) Pyrene	19.633	202	291945	20.792	ng	99
80) Butylbenzylphthalate	20.532	149	108199	20.541	ng	96
81) Benzo(a)anthracene	21.431	228	298903	20.760	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	95966	20.652	ng	95
83) Chrysene	21.496	228	287322	20.749	ng	99
84) Bis(2-ethylhexyl)phtha...	21.367	149	162361	20.513	ng	# 99
85) Di-n-octyl phthalate	22.506	149	283448	20.279	ng	99
87) Indeno(1,2,3-cd)pyrene	27.853	276	339654	20.559	ng	# 93
88) Benzo(b)fluoranthene	23.511	252	279927	20.419	ng	98
89) Benzo(k)fluoranthene	23.576	252	295925	21.016	ng	96
90) Benzo(a)pyrene	24.322	252	258837	20.262	ng	98
91) Dibenzo(a,h)anthracene	27.912	278	271633	20.377	ng	97
92) Benzo(g,h,i)perylene	28.899	276	262292	20.356	ng	98

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

