

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064224.D
 Acq On : 28 Aug 2025 15:35
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

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

Quant Time: Aug 28 18:41:04 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	7.862	152	36015	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	170958	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	119119	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	261407	20.000	ng	0.00
76) Chrysene-d12	21.458	240	260140	20.000	ng	0.00
86) Perylene-d12	24.460	264	282089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	241289	120.199	ng	0.00
7) Phenol-d6	7.028	99	335950	121.816	ng	0.00
23) Nitrobenzene-d5	9.014	82	385656	125.810	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	183766	116.471	ng	0.00
45) 2-Fluorobiphenyl	13.109	172	931958	119.418	ng	0.00
79) Terphenyl-d14	19.842	244	1464829	117.481	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	46659	55.765	ng	93
3) Pyridine	3.749	79	148183	60.164	ng	# 59
4) n-Nitrosodimethylamine	3.667	42	98975	60.754	ng	98
6) Aniline	7.186	93	238042	62.417	ng	100
8) 2-Chlorophenol	7.421	128	152055	61.987	ng	96
9) Benzaldehyde	6.998	77	155435	68.486	ng	98
10) Phenol	7.057	94	188585	62.023	ng	97
11) bis(2-Chloroethyl)ether	7.286	93	137237	60.065	ng	94
12) 1,3-Dichlorobenzene	7.750	146	153973	59.001	ng	96
13) 1,4-Dichlorobenzene	7.891	146	156384	59.377	ng	96
14) 1,2-Dichlorobenzene	8.209	146	155259	61.080	ng	97
15) Benzyl Alcohol	8.097	79	155325	61.031	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.379	45	316667	60.705	ng	97
17) 2-Methylphenol	8.297	107	141026	62.233	ng	93
18) Hexachloroethane	8.937	117	61354	59.678	ng	90
19) n-Nitroso-di-n-propyla...	8.667	70	132872	62.952	ng	96
20) 3+4-Methylphenols	8.626	107	193119	61.332	ng	97
22) Acetophenone	8.679	105	263157	60.845	ng	98
24) Nitrobenzene	9.055	77	198465	61.967	ng	99
25) Isophorone	9.583	82	386602	60.683	ng	99
26) 2-Nitrophenol	9.760	139	90366	65.298	ng	93
27) 2,4-Dimethylphenol	9.824	122	149302	61.449	ng	96
28) bis(2-Chloroethoxy)met...	10.059	93	207316	60.350	ng	95
29) 2,4-Dichlorophenol	10.294	162	159519	62.224	ng	95
30) 1,2,4-Trichlorobenzene	10.512	180	162624	60.163	ng	97
31) Naphthalene	10.700	128	533782	60.212	ng	98
32) Benzoic acid	10.001	122	133067m	68.994	ng	
33) 4-Chloroaniline	10.800	127	214932	62.554	ng	97
34) Hexachlorobutadiene	10.988	225	121022	60.569	ng	91
35) Caprolactam	11.593	113	58399	58.831	ng	# 89
36) 4-Chloro-3-methylphenol	11.934	107	202895	60.999	ng	95
37) 2-Methylnaphthalene	12.310	142	395854	60.074	ng	96
38) 1-Methylnaphthalene	12.527	142	386279	59.349	ng	99
40) 1,2,4,5-Tetrachloroben...	12.674	216	211572	61.558	ng	98
41) Hexachlorocyclopentadiene	12.662	237	109873	67.263	ng	94
43) 2,4,6-Trichlorophenol	12.915	196	142653	62.098	ng	98

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44) 2,4,5-Trichlorophenol	12.985	196	156040	62.618	ng	100
46) 1,1'-Biphenyl	13.320	154	525792	60.603	ng	98
47) 2-Chloronaphthalene	13.361	162	399038	61.178	ng	96
48) 2-Nitroaniline	13.561	65	145751	65.561	ng	92
49) Acenaphthylene	14.207	152	575370	59.674	ng	99
50) Dimethylphthalate	13.943	163	516639	57.300	ng	100
51) 2,6-Dinitrotoluene	14.061	165	112647	64.535	ng	92
52) Acenaphthene	14.548	154	404535	59.453	ng	99
53) 3-Nitroaniline	14.390	138	115002	62.898	ng	92
54) 2,4-Dinitrophenol	14.589	184	67869	60.959	ng	95
55) Dibenzofuran	14.883	168	626661	58.552	ng	97
56) 4-Nitrophenol	14.695	139	91069	60.719	ng	96
57) 2,4-Dinitrotoluene	14.848	165	163372	61.902	ng	# 96
58) Fluorene	15.535	166	499733	56.968	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.106	232	144297	60.205	ng	98
60) Diethylphthalate	15.312	149	546656	56.652	ng	100
61) 4-Chlorophenyl-phenyle...	15.529	204	255865	58.501	ng	98
62) 4-Nitroaniline	15.553	138	118212	63.360	ng	96
63) Azobenzene	15.823	77	497962	57.900	ng	98
65) 4,6-Dinitro-2-methylph...	15.612	198	101194	67.426	ng	91
66) n-Nitrosodiphenylamine	15.741	169	441909	61.453	ng	100
67) 4-Bromophenyl-phenylether	16.422	248	171364	61.720	ng	95
68) Hexachlorobenzene	16.534	284	190207	61.691	ng	96
69) Atrazine	16.693	200	176003	58.617	ng	99
70) Pentachlorophenol	16.875	266	122654	65.608	ng	93
71) Phenanthrene	17.269	178	816436	59.216	ng	99
72) Anthracene	17.357	178	838831	59.810	ng	99
73) Carbazole	17.627	167	733146	59.340	ng	98
74) Di-n-butylphthalate	18.197	149	877217	59.097	ng	98
75) Fluoranthene	19.278	202	947053	58.419	ng	100
77) Benzidine	19.454	184	278230	50.842	ng	99
78) Pyrene	19.636	202	990486	60.435	ng	99
80) Butylbenzylphthalate	20.535	149	386881	62.586	ng	98
81) Benzo(a)anthracene	21.434	228	1010842	60.738	ng	99
82) 3,3'-Dichlorobenzidine	21.358	252	324809	59.926	ng	98
83) Chrysene	21.499	228	958620	59.998	ng	98
84) Bis(2-ethylhexyl)phtha...	21.364	149	572579	61.696	ng	98
85) Di-n-octyl phthalate	22.504	149	1017157	62.901	ng	100
87) Indeno(1,2,3-cd)pyrene	27.868	276	1208324	62.724	ng	# 96
88) Benzo(b)fluoranthene	23.520	252	985063	61.873	ng	99
89) Benzo(k)fluoranthene	23.585	252	994667	61.325	ng	98
90) Benzo(a)pyrene	24.331	252	923392	62.350	ng	97
91) Dibenzo(a,h)anthracene	27.921	278	968236	62.598	ng	99
92) Benzo(g,h,i)perylene	28.925	276	933012	61.991	ng	98

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

