

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082725\
 Data File : BG064213.D
 Acq On : 27 Aug 2025 16:17
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

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

Quant Time: Aug 27 17:50:16 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	7.861	152	28791	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	144117	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	107479	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	237388	20.000	ng	0.00
76) Chrysene-d12	21.457	240	237180	20.000	ng	0.00
86) Perylene-d12	24.465	264	259221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	191752	127.587	ng	0.00
7) Phenol-d6	7.027	99	288448	129.796	ng	0.00
23) Nitrobenzene-d5	9.013	82	321823	126.070	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	167497	119.582	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	809035	119.075	ng	0.00
79) Terphenyl-d14	19.841	244	1330044	118.490	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	41632	60.125	ng	95
3) Pyridine	3.749	79	124509	63.834	ng	99
4) n-Nitrosodimethylamine	3.666	42	84383	64.375	ng	98
6) Aniline	7.186	93	193104	64.019	ng	94
8) 2-Chlorophenol	7.427	128	123861	64.172	ng	99
9) Benzaldehyde	6.998	77	133423	74.849	ng	94
10) Phenol	7.056	94	158629	64.760	ng	98
11) bis(2-Chloroethyl)ether	7.286	93	112880	63.771	ng	97
12) 1,3-Dichlorobenzene	7.750	146	129245	63.463	ng	98
13) 1,4-Dichlorobenzene	7.897	146	132368	63.102	ng	95
14) 1,2-Dichlorobenzene	8.208	146	130413	64.310	ng	96
15) Benzyl Alcohol	8.096	79	133356	65.660	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.378	45	255158	62.569	ng	98
17) 2-Methylphenol	8.296	107	110929	62.824	ng	94
18) Hexachloroethane	8.937	117	52898	65.757	ng	98
19) n-Nitroso-di-n-propyla...	8.666	70	109460	65.102	ng	98
20) 3+4-Methylphenols	8.625	107	163669	65.642	ng	98
22) Acetophenone	8.678	105	214608	59.512	ng	# 94
24) Nitrobenzene	9.054	77	163553	61.648	ng	97
25) Isophorone	9.583	82	330010	61.420	ng	96
26) 2-Nitrophenol	9.759	139	75656	66.136	ng	92
27) 2,4-Dimethylphenol	9.824	122	128124	61.913	ng	92
28) bis(2-Chloroethoxy)met...	10.059	93	175223	60.568	ng	100
29) 2,4-Dichlorophenol	10.294	162	139054	65.207	ng	96
30) 1,2,4-Trichlorobenzene	10.511	180	137837	60.694	ng	98
31) Naphthalene	10.699	128	444088	60.352	ng	98
32) Benzoic acid	10.000	122	118003m	67.312	ng	
33) 4-Chloroaniline	10.799	127	184311	64.118	ng	97
34) Hexachlorobutadiene	10.987	225	102343	61.561	ng	98
35) Caprolactam	11.592	113	50412	59.040	ng	# 78
36) 4-Chloro-3-methylphenol	11.933	107	175519	63.202	ng	94
37) 2-Methylnaphthalene	12.309	142	336791	61.878	ng	99
38) 1-Methylnaphthalene	12.526	142	331325	61.365	ng	99
40) 1,2,4,5-Tetrachloroben...	12.679	216	184271	62.074	ng	98
41) Hexachlorocyclopentadiene	12.662	237	92607	66.755	ng	91
43) 2,4,6-Trichlorophenol	12.914	196	126624	62.131	ng	98

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44) 2,4,5-Trichlorophenol	12.985	196	139644	61.845	ng	95
46) 1,1'-Biphenyl	13.320	154	462709	60.718	ng	98
47) 2-Chloronaphthalene	13.361	162	348648	61.299	ng	96
48) 2-Nitroaniline	13.561	65	127148	64.491	ng	95
49) Acenaphthylene	14.207	152	518099	61.362	ng	99
50) Dimethylphthalate	13.942	163	475149	58.921	ng	98
51) 2,6-Dinitrotoluene	14.060	165	98763	64.872	ng	96
52) Acenaphthene	14.548	154	359366	60.623	ng	98
53) 3-Nitroaniline	14.383	138	101143	64.404	ng	96
54) 2,4-Dinitrophenol	14.589	184	60773	60.245	ng	88
55) Dibenzofuran	14.883	168	556183	59.132	ng	97
56) 4-Nitrophenol	14.695	139	84245	61.955	ng	94
57) 2,4-Dinitrotoluene	14.847	165	148342	63.501	ng	98
58) Fluorene	15.535	166	455619	59.284	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.106	232	130386	61.035	ng	# 99
60) Diethylphthalate	15.311	149	495756	57.272	ng	98
61) 4-Chlorophenyl-phenyle...	15.529	204	233865	58.965	ng	97
62) 4-Nitroaniline	15.552	138	106486	62.714	ng	97
63) Azobenzene	15.823	77	453643	59.639	ng	98
65) 4,6-Dinitro-2-methylph...	15.611	198	89200	65.937	ng	95
66) n-Nitrosodiphenylamine	15.740	169	396099	61.667	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	155623	62.371	ng	97
68) Hexachlorobenzene	16.534	284	168634	62.887	ng	97
69) Atrazine	16.692	200	161134	59.291	ng	95
70) Pentachlorophenol	16.874	266	112712	66.230	ng	97
71) Phenanthrene	17.268	178	739340	60.299	ng	100
72) Anthracene	17.356	178	756910	60.947	ng	99
73) Carbazole	17.626	167	661635	59.660	ng	99
74) Di-n-butylphthalate	18.196	149	788687	58.465	ng	99
75) Fluoranthene	19.277	202	851251	58.088	ng	100
77) Benzidine	19.459	184	226557	46.139	ng	99
78) Pyrene	19.636	202	893606	60.456	ng	98
80) Butylbenzylphthalate	20.535	149	355782	64.162	ng	97
81) Benzo(a)anthracene	21.434	228	922947	60.894	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	295100	60.326	ng	99
83) Chrysene	21.498	228	887376	60.872	ng	100
84) Bis(2-ethylhexyl)phtha...	21.363	149	519789	62.382	ng	# 99
85) Di-n-octyl phthalate	22.509	149	910532	61.880	ng	99
87) Indeno(1,2,3-cd)pyrene	27.867	276	1094812	62.381	ng	# 97
88) Benzo(b)fluoranthene	23.519	252	887906	60.970	ng	97
89) Benzo(k)fluoranthene	23.584	252	914921	61.165	ng	97
90) Benzo(a)pyrene	24.330	252	838308	61.774	ng	98
91) Dibenzo(a,h)anthracene	27.926	278	881545	62.253	ng	99
92) Benzo(g,h,i)perylene	28.931	276	843728	61.640	ng	98

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

