

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082725\
 Data File : BG064214.D
 Acq On : 27 Aug 2025 16:58
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

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

Quant Time: Aug 27 17:51:06 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	7.858	152	26123	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	127251	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	94510	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	215987	20.000	ng	0.00
76) Chrysene-d12	21.460	240	223852	20.000	ng	0.00
86) Perylene-d12	24.462	264	240963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	231748	169.949	ng	0.00
7) Phenol-d6	7.030	99	334193	165.739	ng	0.00
23) Nitrobenzene-d5	9.016	82	364451	161.691	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	193568	157.158	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	918873	153.799	ng	0.00
79) Terphenyl-d14	19.844	244	1602610	151.273	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	48834	77.729	ng	95
3) Pyridine	3.751	79	148692	84.018	ng	99
4) n-Nitrosodimethylamine	3.663	42	101853	85.639	ng	96
6) Aniline	7.188	93	224149	81.901	ng	99
8) 2-Chlorophenol	7.423	128	143948	82.196	ng	93
10) Phenol	7.059	94	185813	83.606	ng	97
11) bis(2-Chloroethyl)ether	7.282	93	131164	81.669	ng	98
12) 1,3-Dichlorobenzene	7.752	146	145985	79.004	ng	95
13) 1,4-Dichlorobenzene	7.893	146	154655	81.256	ng	99
14) 1,2-Dichlorobenzene	8.211	146	147367	80.093	ng	97
15) Benzyl Alcohol	8.099	79	153855	83.489	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.381	45	291924	78.895	ng	98
17) 2-Methylphenol	8.299	107	133524	83.344	ng	97
18) Hexachloroethane	8.939	117	59176	81.074	ng	90
19) n-Nitroso-di-n-propyla...	8.669	70	127323	83.460	ng	99
20) 3+4-Methylphenols	8.628	107	183381	81.060	ng	94
22) Acetophenone	8.681	105	248402	78.013	ng	# 99
24) Nitrobenzene	9.057	77	194380	82.979	ng	97
25) Isophorone	9.585	82	371824	78.374	ng	99
26) 2-Nitrophenol	9.762	139	86832	85.966	ng	96
27) 2,4-Dimethylphenol	9.826	122	145213	79.471	ng	95
28) bis(2-Chloroethoxy)met...	10.061	93	199612	78.143	ng	98
29) 2,4-Dichlorophenol	10.296	162	154993	82.315	ng	96
30) 1,2,4-Trichlorobenzene	10.514	180	157774	78.680	ng	98
31) Naphthalene	10.696	128	510788	78.617	ng	98
32) Benzoic acid	9.997	122	132009m	85.282	ng	
33) 4-Chloroaniline	10.802	127	212012	83.530	ng	99
34) Hexachlorobutadiene	10.990	225	116329	79.248	ng	96
35) Caprolactam	11.601	113	60751	80.578	ng	94
36) 4-Chloro-3-methylphenol	11.936	107	199760	81.464	ng	95
37) 2-Methylnaphthalene	12.306	142	386349	80.392	ng	98
38) 1-Methylnaphthalene	12.529	142	377746	79.235	ng	100
40) 1,2,4,5-Tetrachloroben...	12.676	216	207915	79.650	ng	98
41) Hexachlorocyclopentadiene	12.658	237	106710	87.476	ng	96
43) 2,4,6-Trichlorophenol	12.917	196	145593	81.241	ng	94
44) 2,4,5-Trichlorophenol	12.987	196	159143	80.152	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.322	154	520587	77.687	ng	99
47) 2-Chloronaphthalene	13.363	162	393397	78.658	ng	97
48) 2-Nitroaniline	13.563	65	151816	87.570	ng	98
49) Acenaphthylene	14.204	152	593449	79.931	ng	98
50) Dimethylphthalate	13.945	163	548592	77.364	ng	99
51) 2,6-Dinitrotoluene	14.063	165	116281	86.860	ng	98
52) Acenaphthene	14.550	154	407380	78.153	ng	99
53) 3-Nitroaniline	14.392	138	117379	84.999	ng	99
54) 2,4-Dinitrophenol	14.591	184	71420	78.677	ng	# 83
55) Dibenzofuran	14.885	168	636847	76.999	ng	98
56) 4-Nitrophenol	14.697	139	100353	83.929	ng	91
57) 2,4-Dinitrotoluene	14.844	165	172622	84.035	ng	95
58) Fluorene	15.531	166	521776	77.208	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.108	232	156563	83.346	ng	# 98
60) Diethylphthalate	15.314	149	581079	76.341	ng	98
61) 4-Chlorophenyl-phenyle...	15.526	204	263287	75.493	ng	93
62) 4-Nitroaniline	15.555	138	129637	86.826	ng	99
63) Azobenzene	15.819	77	526355	78.693	ng	98
65) 4,6-Dinitro-2-methylph...	15.614	198	110120	89.467	ng	93
66) n-Nitrosodiphenylamine	15.743	169	457504	78.284	ng	97
67) 4-Bromophenyl-phenylether	16.419	248	181051	79.751	ng	99
68) Hexachlorobenzene	16.536	284	194839	79.859	ng	98
69) Atrazine	16.695	200	193711	78.341	ng	95
70) Pentachlorophenol	16.877	266	133678	86.333	ng	98
71) Phenanthrene	17.271	178	867708	77.781	ng	99
72) Anthracene	17.359	178	883982	78.232	ng	99
73) Carbazole	17.629	167	786657	77.962	ng	99
74) Di-n-butylphthalate	18.193	149	970264	79.052	ng	98
75) Fluoranthene	19.280	202	1036525	77.740	ng	98
77) Benzidine	19.456	184	336592	72.629	ng	99
78) Pyrene	19.638	202	1079767	77.400	ng	98
80) Butylbenzylphthalate	20.537	149	433341	82.802	ng	98
81) Benzo(a)anthracene	21.436	228	1121925	78.429	ng	99
82) 3,3'-Dichlorobenzidine	21.360	252	371997	80.573	ng	97
83) Chrysene	21.501	228	1071405	77.872	ng	100
84) Bis(2-ethylhexyl)phtha...	21.366	149	631448	80.295	ng	# 99
85) Di-n-octyl phthalate	22.506	149	1117463	80.465	ng	99
87) Indeno(1,2,3-cd)pyrene	27.876	276	1323274	81.112	ng	# 97
88) Benzo(b)fluoranthene	23.522	252	1098292	81.131	ng	99
89) Benzo(k)fluoranthene	23.587	252	1126435	81.012	ng	99
90) Benzo(a)pyrene	24.333	252	1027050	81.417	ng	98
91) Dibenzo(a,h)anthracene	27.935	278	1069393	81.241	ng	100
92) Benzo(g,h,i)perylene	28.939	276	1027613	80.762	ng	99

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

