

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064444.D
 Acq On : 25 Sep 2025 13:59
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:45:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 17:41:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	17910	20.000	ng	0.00
21) Naphthalene-d8	10.626	136	85653	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	65094	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	162214	20.000	ng	0.00
76) Chrysene-d12	21.431	240	180422	20.000	ng	0.00
86) Perylene-d12	24.434	264	195431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.427	112	37070	39.553	ng	0.00
7) Phenol-d6	7.013	99	49368	38.449	ng	0.00
23) Nitrobenzene-d5	8.993	82	56546	35.778	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	46665	41.065	ng	0.00
45) 2-Fluorobiphenyl	13.088	172	176065	39.940	ng	0.00
79) Terphenyl-d14	19.822	244	370238	40.452	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.341	88	7942	20.194	ng	96
3) Pyridine	3.735	79	20030	18.891	ng	92
4) n-Nitrosodimethylamine	3.646	42	15946	19.688	ng	90
6) Aniline	7.166	93	31574	18.990	ng	97
8) 2-Chlorophenol	7.407	128	22215	18.946	ng	99
9) Benzaldehyde	6.978	77	16048	14.684	ng	95
10) Phenol	7.037	94	26561	19.105	ng	94
11) bis(2-Chloroethyl)ether	7.266	93	18506	19.825	ng	91
12) 1,3-Dichlorobenzene	7.730	146	26643	20.271	ng	98
13) 1,4-Dichlorobenzene	7.877	146	25359	18.888	ng	98
14) 1,2-Dichlorobenzene	8.194	146	24965	19.622	ng	99
15) Benzyl Alcohol	8.071	79	22645	18.717	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.358	45	31699	19.475	ng	95
17) 2-Methylphenol	8.282	107	20248	20.161	ng	92
18) Hexachloroethane	8.911	117	9919	19.582	ng	91
19) n-Nitroso-di-n-propyla...	8.641	70	17814	20.526	ng	# 92
20) 3+4-Methylphenols	8.605	107	27809	19.697	ng	94
22) Acetophenone	8.652	105	37547	18.310	ng	97
24) Nitrobenzene	9.034	77	28642	18.566	ng	95
25) Isophorone	9.551	82	57299	19.594	ng	96
26) 2-Nitrophenol	9.739	139	14352	18.899	ng	94
27) 2,4-Dimethylphenol	9.804	122	24067	19.650	ng	91
28) bis(2-Chloroethoxy)met...	10.039	93	30496	20.186	ng	95
29) 2,4-Dichlorophenol	10.274	162	27649	19.614	ng	87
30) 1,2,4-Trichlorobenzene	10.491	180	30162	20.004	ng	90
31) Naphthalene	10.673	128	89024	19.909	ng	95
32) Benzoic acid	9.921	122	17492m	19.303	ng	
33) 4-Chloroaniline	10.785	127	32561	19.906	ng	98
34) Hexachlorobutadiene	10.967	225	25180	19.606	ng	94
35) Caprolactam	11.537	113	9964	21.423	ng	91
36) 4-Chloro-3-methylphenol	11.907	107	33073	19.794	ng	# 95
37) 2-Methylnaphthalene	12.283	142	67501	19.991	ng	97
38) 1-Methylnaphthalene	12.501	142	67324	20.293	ng	94
40) 1,2,4,5-Tetrachloroben...	12.659	216	41687	20.094	ng	99
41) Hexachlorocyclopentadiene	12.636	237	20192	18.327	ng	95
43) 2,4,6-Trichlorophenol	12.894	196	26879	19.863	ng	96

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44) 2,4,5-Trichlorophenol	12.971	196	30157	20.102	ng	97
46) 1,1'-Biphenyl	13.300	154	92670	20.013	ng	95
47) 2-Chloronaphthalene	13.335	162	71057	20.190	ng	99
48) 2-Nitroaniline	13.541	65	24402	20.174	ng	93
49) Acenaphthylene	14.187	152	104535	20.007	ng	98
50) Dimethylphthalate	13.923	163	97621	19.631	ng	97
51) 2,6-Dinitrotoluene	14.040	165	21142	20.241	ng	93
52) Acenaphthene	14.528	154	71666	20.043	ng	100
53) 3-Nitroaniline	14.363	138	20058	20.266	ng	98
54) 2,4-Dinitrophenol	14.581	184	10235	14.755	ng	93
55) Dibenzofuran	14.863	168	118639	20.012	ng	# 98
56) 4-Nitrophenol	14.686	139	15591	19.461	ng	# 83
57) 2,4-Dinitrotoluene	14.827	165	32070	20.112	ng	96
58) Fluorene	15.509	166	98019	20.029	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.092	232	29595	20.100	ng	97
60) Diethylphthalate	15.286	149	108550	20.259	ng	95
61) 4-Chlorophenyl-phenyle...	15.509	204	53237	19.921	ng	99
62) 4-Nitroaniline	15.527	138	21483	20.243	ng	97
63) Azobenzene	15.797	77	84666	20.193	ng	98
65) 4,6-Dinitro-2-methylph...	15.591	198	20782	18.703	ng	89
66) n-Nitrosodiphenylamine	15.720	169	84942	19.623	ng	97
67) 4-Bromophenyl-phenylether	16.396	248	37185	19.564	ng	98
68) Hexachlorobenzene	16.514	284	43237	19.989	ng	100
69) Atrazine	16.666	200	41046	20.872	ng	99
70) Pentachlorophenol	16.860	266	25305	19.385	ng	95
71) Phenanthrene	17.248	178	172353	20.442	ng	97
72) Anthracene	17.336	178	170935	19.909	ng	98
73) Carbazole	17.606	167	152486	20.244	ng	97
74) Di-n-butylphthalate	18.171	149	183162	19.879	ng	99
75) Fluoranthene	19.257	202	212264	19.936	ng	99
77) Benzidine	19.440	184	85803	18.164	ng	95
78) Pyrene	19.616	202	225391	20.133	ng	99
80) Butylbenzylphthalate	20.515	149	82611	19.743	ng	96
81) Benzo(a)anthracene	21.414	228	230415	19.946	ng	97
82) 3,3'-Dichlorobenzidine	21.337	252	80983	20.384	ng	99
83) Chrysene	21.478	228	220878	20.189	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	118331	19.631	ng	# 95
85) Di-n-octyl phthalate	22.471	149	206222	20.126	ng	100
87) Indeno(1,2,3-cd)pyrene	27.795	276	276472	20.016	ng	# 93
88) Benzo(b)fluoranthene	23.482	252	220573	19.688	ng	97
89) Benzo(k)fluoranthene	23.547	252	228817	20.404	ng	96
90) Benzo(a)pyrene	24.287	252	209267	20.164	ng	99
91) Dibenzo(a,h)anthracene	27.853	278	222599	19.879	ng	97
92) Benzo(g,h,i)perylene	28.846	276	213032	19.810	ng	99

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

