

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064225.D
 Acq On : 28 Aug 2025 16:16
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

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

Quant Time: Aug 28 18:41:15 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	7.859	152	31439	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	150999	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	104548	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	231385	20.000	ng	0.00
76) Chrysene-d12	21.455	240	235542	20.000	ng	0.00
86) Perylene-d12	24.463	264	252822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	284858	162.557	ng	0.00
7) Phenol-d6	7.031	99	385197	160.002	ng	0.00
23) Nitrobenzene-d5	9.017	82	435451	160.831	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	210720	152.168	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	1040275	151.875	ng	0.00
79) Terphenyl-d14	19.845	244	1673235	148.209	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.359	88	53597	73.380	ng	94
3) Pyridine	3.752	79	169599	78.882	ng	# 56
4) n-Nitrosodimethylamine	3.664	42	112112	78.835	ng	87
6) Aniline	7.189	93	265369	79.710	ng	98
8) 2-Chlorophenol	7.424	128	171573	80.124	ng	96
10) Phenol	7.054	94	213623	80.484	ng	95
11) bis(2-Chloroethyl)ether	7.283	93	158234	79.334	ng	95
12) 1,3-Dichlorobenzene	7.747	146	176619	77.530	ng	97
13) 1,4-Dichlorobenzene	7.894	146	175825	76.475	ng	98
14) 1,2-Dichlorobenzene	8.212	146	174325	78.562	ng	94
15) Benzyl Alcohol	8.094	79	182418	82.109	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.376	45	352470	77.403	ng	98
17) 2-Methylphenol	8.300	107	156695	79.212	ng	99
18) Hexachloroethane	8.934	117	71260	79.402	ng	93
19) n-Nitroso-di-n-propyla...	8.664	70	146366	79.439	ng	93
20) 3+4-Methylphenols	8.629	107	220429	80.195	ng	98
22) Acetophenone	8.676	105	297000	77.746	ng	# 97
24) Nitrobenzene	9.058	77	226441	80.047	ng	98
25) Isophorone	9.587	82	437415	77.734	ng	99
26) 2-Nitrophenol	9.763	139	103335	84.539	ng	88
27) 2,4-Dimethylphenol	9.827	122	168782	78.649	ng	99
28) bis(2-Chloroethoxy)met...	10.062	93	236323	77.887	ng	97
29) 2,4-Dichlorophenol	10.297	162	177516	78.397	ng	95
30) 1,2,4-Trichlorobenzene	10.509	180	184039	77.085	ng	99
31) Naphthalene	10.697	128	595827	76.094	ng	99
32) Benzoic acid	10.015	122	147808m	86.767	ng	
33) 4-Chloroaniline	10.803	127	242526	79.915	ng	98
34) Hexachlorobutadiene	10.991	225	135868	76.987	ng	91
35) Caprolactam	11.602	113	66367	75.695	ng	# 85
36) 4-Chloro-3-methylphenol	11.931	107	231233	78.708	ng	95
37) 2-Methylnaphthalene	12.307	142	443073	76.128	ng	97
38) 1-Methylnaphthalene	12.524	142	435898	75.825	ng	96
40) 1,2,4,5-Tetrachloroben...	12.677	216	241038	79.906	ng	99
41) Hexachlorocyclopentadiene	12.659	237	123923	86.438	ng	95
43) 2,4,6-Trichlorophenol	12.912	196	164665	81.670	ng	93
44) 2,4,5-Trichlorophenol	12.988	196	177089	80.969	ng	98

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46) 1,1'-Biphenyl	13.317	154	595496	78.203	ng	100
47) 2-Chloronaphthalene	13.359	162	451011	78.784	ng	97
48) 2-Nitroaniline	13.564	65	165981	85.067	ng	98
49) Acenaphthylene	14.205	152	660780	78.084	ng	98
50) Dimethylphthalate	13.946	163	592653	74.892	ng	100
51) 2,6-Dinitrotoluene	14.058	165	127509	83.231	ng	98
52) Acenaphthene	14.551	154	457783	76.655	ng	96
53) 3-Nitroaniline	14.387	138	130491	81.316	ng	92
54) 2,4-Dinitrophenol	14.592	184	79263	79.247	ng	# 84
55) Dibenzofuran	14.880	168	720048	76.654	ng	98
56) 4-Nitrophenol	14.698	139	110109	83.646	ng	98
57) 2,4-Dinitrotoluene	14.845	165	190202	82.112	ng	98
58) Fluorene	15.533	166	574100	74.567	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.109	232	164241	78.076	ng	99
60) Diethylphthalate	15.315	149	633833	74.841	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	289860	75.511	ng	96
62) 4-Nitroaniline	15.556	138	136014	83.062	ng	98
63) Azobenzene	15.820	77	577669	76.529	ng	98
65) 4,6-Dinitro-2-methylph...	15.609	198	118887	89.493	ng	99
66) n-Nitrosodiphenylamine	15.744	169	501350	78.764	ng	96
67) 4-Bromophenyl-phenylether	16.420	248	199527	81.188	ng	99
68) Hexachlorobenzene	16.537	284	217240	79.601	ng	93
69) Atrazine	16.696	200	203423	76.540	ng	99
70) Pentachlorophenol	16.878	266	144874	87.549	ng	93
71) Phenanthrene	17.266	178	939199	76.958	ng	98
72) Anthracene	17.360	178	951911	76.680	ng	98
73) Carbazole	17.624	167	841735	76.969	ng	98
74) Di-n-butylphthalate	18.194	149	1011294	76.970	ng	99
75) Fluoranthene	19.275	202	1084541	75.580	ng	98
77) Benzidine	19.457	184	337627	68.139	ng	98
78) Pyrene	19.639	202	1147906	77.355	ng	99
80) Butylbenzylphthalate	20.533	149	453565	81.036	ng	100
81) Benzo(a)anthracene	21.437	228	1171856	77.766	ng	99
82) 3,3'-Dichlorobenzidine	21.361	252	380457	77.523	ng	97
83) Chrysene	21.502	228	1121478	77.521	ng	99
84) Bis(2-ethylhexyl)phtha...	21.367	149	661990	78.779	ng	96
85) Di-n-octyl phthalate	22.507	149	1167706	79.752	ng	100
87) Indeno(1,2,3-cd)pyrene	27.871	276	1401756	81.188	ng	# 98
88) Benzo(b)fluoranthene	23.517	252	1165918	81.710	ng	99
89) Benzo(k)fluoranthene	23.588	252	1148481	79.005	ng	98
90) Benzo(a)pyrene	24.328	252	1066956	80.383	ng	100
91) Dibenzo(a,h)anthracene	27.924	278	1133261	81.749	ng	98
92) Benzo(g,h,i)perylene	28.934	276	1088525	80.696	ng	98

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

Manual Integrations

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