

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064540.D
 Acq On : 17 Oct 2025 17:51
 Operator : RC/JU
 Sample : Q3363-05MSD
 Misc : 8270/625.1 SPIKE
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 19:09:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	12958	20.000	ng	# 0.00
21) Naphthalene-d8	10.605	136	53760	20.000	ng	# 0.00
39) Acenaphthene-d10	14.448	164	42324	20.000	ng	0.00
64) Phenanthrene-d10	17.191	188	98552	20.000	ng	0.00
76) Chrysene-d12	21.416	240	108444	20.000	ng	0.00
86) Perylene-d12	24.401	264	124972	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	70198	100.258	ng	0.00
7) Phenol-d6	6.997	99	89685	95.316	ng	0.01
23) Nitrobenzene-d5	8.972	82	59125	59.136	ng	0.00
42) 2,4,6-Tribromophenol	15.940	330	71696	93.454	ng	0.00
45) 2-Fluorobiphenyl	13.067	172	139992	48.754	ng	0.00
79) Terphenyl-d14	19.806	244	298846	52.153	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.314	88	12371	44.669	ng	# 88
3) Pyridine	3.707	79	31258	41.996	ng	94
4) n-Nitrosodimethylamine	3.619	42	30671	56.843	ng	99
6) Aniline	7.144	93	39733	33.477	ng	98
8) 2-Chlorophenol	7.385	128	49617	57.709	ng	97
9) Benzaldehyde	6.956	77	21680	25.957	ng	93
10) Phenol	7.027	94	55973	56.391	ng	97
11) bis(2-Chloroethyl)ether	7.244	93	36342	54.065	ng	97
12) 1,3-Dichlorobenzene	7.708	146	54599	58.051	ng	90
13) 1,4-Dichlorobenzene	7.849	146	57931	61.371	ng	88
14) 1,2-Dichlorobenzene	8.167	146	54459	58.538	ng	93
15) Benzyl Alcohol	8.061	79	48186	55.609	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.349	45	54022	49.858	ng	96
17) 2-Methylphenol	8.267	107	41721	58.047	ng	95
18) Hexachloroethane	8.889	117	20890	56.067	ng	95
19) n-Nitroso-di-n-propyla...	8.625	70	33086	52.578	ng	# 98
20) 3+4-Methylphenols	8.596	107	56150	55.982	ng	90
22) Acetophenone	8.637	105	82910	63.695	ng	97
24) Nitrobenzene	9.013	77	55754	55.920	ng	99
25) Isophorone	9.541	82	97604	53.888	ng	99
26) 2-Nitrophenol	9.724	139	27688	55.798	ng	91
27) 2,4-Dimethylphenol	9.788	122	48855	64.460	ng	94
28) bis(2-Chloroethoxy)met...	10.017	93	50508	54.706	ng	99
29) 2,4-Dichlorophenol	10.258	162	52040	59.377	ng	98
30) 1,2,4-Trichlorobenzene	10.470	180	58767	61.496	ng	98
31) Naphthalene	10.658	128	161782	58.439	ng	98
32) Benzoic acid	9.959	122	39058	67.122	ng	86
33) 4-Chloroaniline	10.764	127	23291	21.925	ng	95
34) Hexachlorobutadiene	10.946	225	49225	60.147	ng	97
35) Caprolactam	11.545	113	15936m	53.113	ng	
36) 4-Chloro-3-methylphenol	11.903	107	62134	58.297	ng	97
37) 2-Methylnaphthalene	12.268	142	106210	49.980	ng	99
38) 1-Methylnaphthalene	12.485	142	115037	54.289	ng	95
40) 1,2,4,5-Tetrachloroben...	12.638	216	85281	62.405	ng	98
41) Hexachlorocyclopentadiene	12.620	237	104149	145.696	ng	94
43) 2,4,6-Trichlorophenol	12.879	196	50162	57.421	ng	96

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44) 2,4,5-Trichlorophenol	12.955	196	54905	56.296	ng	95
46) 1,1'-Biphenyl	13.278	154	183332	60.226	ng	100
47) 2-Chloronaphthalene	13.319	162	123311	54.256	ng	99
48) 2-Nitroaniline	13.531	65	42893	55.296	ng	98
49) Acenaphthylene	14.166	152	213116	63.167	ng	99
50) Dimethylphthalate	13.907	163	171566	51.757	ng	99
51) 2,6-Dinitrotoluene	14.024	165	37689	54.581	ng	95
52) Acenaphthene	14.512	154	123214	52.566	ng	100
53) 3-Nitroaniline	14.359	138	21357	33.537	ng	# 92
54) 2,4-Dinitrophenol	14.565	184	47393	94.653	ng	89
55) Dibenzofuran	14.847	168	211592	54.671	ng	98
56) 4-Nitrophenol	14.683	139	55987	111.664	ng	# 83
57) 2,4-Dinitrotoluene	14.818	165	58742	55.649	ng	# 97
58) Fluorene	15.493	166	180297	56.036	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.076	232	58615	58.889	ng	# 100
60) Diethylphthalate	15.270	149	186116	52.339	ng	98
61) 4-Chlorophenyl-phenyle...	15.487	204	94473	53.782	ng	97
62) 4-Nitroaniline	15.517	138	35978	54.205	ng	# 83
63) Azobenzene	15.781	77	159730	58.000	ng	96
65) 4,6-Dinitro-2-methylph...	15.582	198	38604	56.259	ng	93
66) n-Nitrosodiphenylamine	15.705	169	155774	59.191	ng	94
67) 4-Bromophenyl-phenylether	16.381	248	66795	57.595	ng	94
68) Hexachlorobenzene	16.498	284	78114	58.863	ng	98
69) Atrazine	16.657	200	71618	61.166	ng	99
70) Pentachlorophenol	16.845	266	98627	127.110	ng	98
71) Phenanthrene	17.233	178	295420	57.321	ng	99
72) Anthracene	17.321	178	300419	58.104	ng	98
73) Carbazole	17.591	167	267151	59.777	ng	98
74) Di-n-butylphthalate	18.155	149	315058	57.749	ng	99
75) Fluoranthene	19.242	202	379195	61.587	ng	98
77) Benzidine	19.424	184	117565	43.567	ng	98
78) Pyrene	19.606	202	395779	56.237	ng	99
80) Butylbenzylphthalate	20.499	149	141491	56.715	ng	98
81) Benzo(a)anthracene	21.398	228	422383	61.001	ng	99
82) 3,3'-Dichlorobenzidine	21.322	252	63681	27.173	ng	# 97
83) Chrysene	21.463	228	389097	59.253	ng	98
84) Bis(2-ethylhexyl)phtha...	21.316	149	208938	59.357	ng	96
85) Di-n-octyl phthalate	22.444	149	347323	58.710	ng	99
87) Indeno(1,2,3-cd)pyrene	27.761	276	513369	59.016	ng	99
88) Benzo(b)fluoranthene	23.460	252	418135	58.812	ng	99
89) Benzo(k)fluoranthene	23.525	252	420067	58.664	ng	99
90) Benzo(a)pyrene	24.260	252	409057	62.428	ng	99
91) Dibenzo(a,h)anthracene	27.814	278	416939	59.935	ng	96
92) Benzo(g,h,i)perylene	28.807	276	422774	62.538	ng	97

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

