

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064539.D
 Acq On : 17 Oct 2025 17:10
 Operator : RC/JU
 Sample : Q3363-05MS
 Misc : 8270/625.1 SPIKE
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MS

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 17:46:39 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	7.816	152	14953	20.000	ng	0.00
21) Naphthalene-d8	10.601	136	59781	20.000	ng	0.00
39) Acenaphthene-d10	14.444	164	44289	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	105365	20.000	ng	0.00
76) Chrysene-d12	21.412	240	119699	20.000	ng	0.00
86) Perylene-d12	24.397	264	135091	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	65217	80.717	ng	0.00
7) Phenol-d6	7.000	99	83245	76.668	ng	0.01
23) Nitrobenzene-d5	8.974	82	56131	50.487	ng	0.00
42) 2,4,6-Tribromophenol	15.936	330	64752	80.658	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	126920	42.241	ng	0.00
79) Terphenyl-d14	19.808	244	270707	42.800	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	11152	34.895	ng	# 87
3) Pyridine	3.704	79	27968	32.562	ng	98
4) n-Nitrosodimethylamine	3.621	42	28433	45.664	ng	97
6) Aniline	7.141	93	37348	27.269	ng	96
8) 2-Chlorophenol	7.388	128	46281	46.647	ng	97
9) Benzaldehyde	6.959	77	19613	20.349	ng	95
10) Phenol	7.023	94	52730	46.036	ng	95
11) bis(2-Chloroethyl)ether	7.241	93	33980	43.806	ng	93
12) 1,3-Dichlorobenzene	7.705	146	49650	45.746	ng	98
13) 1,4-Dichlorobenzene	7.852	146	51306	47.101	ng	98
14) 1,2-Dichlorobenzene	8.169	146	49913	46.493	ng	98
15) Benzyl Alcohol	8.057	79	44848	44.851	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.339	45	50564	40.440	ng	98
17) 2-Methylphenol	8.269	107	38549	46.478	ng	# 86
18) Hexachloroethane	8.892	117	19258	44.791	ng	# 84
19) n-Nitroso-di-n-propyla...	8.621	70	30734	42.324	ng	94
20) 3+4-Methylphenols	8.592	107	50781	43.875	ng	98
22) Acetophenone	8.633	105	74626	51.557	ng	97
24) Nitrobenzene	9.015	77	49729	44.854	ng	98
25) Isophorone	9.538	82	86042	42.720	ng	95
26) 2-Nitrophenol	9.726	139	25805	46.765	ng	96
27) 2,4-Dimethylphenol	9.791	122	42438	50.354	ng	93
28) bis(2-Chloroethoxy)met...	10.020	93	46890	45.672	ng	94
29) 2,4-Dichlorophenol	10.261	162	46840	48.061	ng	97
30) 1,2,4-Trichlorobenzene	10.466	180	54864	51.629	ng	97
31) Naphthalene	10.654	128	146735	47.666	ng	99
32) Benzoic acid	9.961	122	34778	53.747	ng	92
33) 4-Chloroaniline	10.766	127	24076	20.381	ng	93
34) Hexachlorobutadiene	10.942	225	45535	50.035	ng	92
35) Caprolactam	11.547	113	13572m	40.678	ng	
36) 4-Chloro-3-methylphenol	11.900	107	54257	45.779	ng	97
37) 2-Methylnaphthalene	12.264	142	99440	42.081	ng	97
38) 1-Methylnaphthalene	12.488	142	102753	43.608	ng	99
40) 1,2,4,5-Tetrachloroben...	12.640	216	77018	53.858	ng	97
41) Hexachlorocyclopentadiene	12.617	237	95338	127.452	ng	93
43) 2,4,6-Trichlorophenol	12.875	196	44620m	48.810	ng	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.958	196	48888	47.902	ng	97
46) 1,1'-Biphenyl	13.281	154	162959	51.158	ng	99
47) 2-Chloronaphthalene	13.322	162	108809	45.751	ng	98
48) 2-Nitroaniline	13.527	65	36904	45.464	ng	87
49) Acenaphthylene	14.168	152	187789	53.191	ng	99
50) Dimethylphthalate	13.909	163	150526	43.395	ng	# 99
51) 2,6-Dinitrotoluene	14.027	165	33313	46.103	ng	# 84
52) Acenaphthene	14.509	154	110340	44.985	ng	99
53) 3-Nitroaniline	14.356	138	20766	31.162	ng	91
54) 2,4-Dinitrophenol	14.562	184	42410	80.943	ng	87
55) Dibenzofuran	14.844	168	183981	45.428	ng	98
56) 4-Nitrophenol	14.679	139	49605	94.546	ng	# 81
57) 2,4-Dinitrotoluene	14.814	165	51642	46.752	ng	94
58) Fluorene	15.496	166	158117	46.962	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.079	232	50198	48.195	ng	97
60) Diethylphthalate	15.272	149	161869	43.500	ng	100
61) 4-Chlorophenyl-phenyle...	15.490	204	83871	45.628	ng	98
62) 4-Nitroaniline	15.519	138	32873	47.329	ng	87
63) Azobenzene	15.784	77	141129	48.972	ng	97
65) 4,6-Dinitro-2-methylph...	15.578	198	34919	47.598	ng	92
66) n-Nitrosodiphenylamine	15.707	169	135307	48.089	ng	96
67) 4-Bromophenyl-phenylether	16.383	248	60052	48.433	ng	86
68) Hexachlorobenzene	16.500	284	69134	48.727	ng	96
69) Atrazine	16.659	200	62438	49.878	ng	97
70) Pentachlorophenol	16.847	266	87212	105.130	ng	99
71) Phenanthrene	17.229	178	262816	47.697	ng	99
72) Anthracene	17.323	178	266811	48.267	ng	99
73) Carbazole	17.593	167	238547	49.925	ng	97
74) Di-n-butylphthalate	18.157	149	281684	48.293	ng	99
75) Fluoranthene	19.244	202	334592	50.829	ng	99
77) Benzidine	19.426	184	112523	37.778	ng	98
78) Pyrene	19.603	202	352090	45.325	ng	98
80) Butylbenzylphthalate	20.496	149	129118	46.889	ng	99
81) Benzo(a)anthracene	21.395	228	372243	48.705	ng	96
82) 3,3'-Dichlorobenzidine	21.318	252	59938	23.171	ng	# 98
83) Chrysene	21.459	228	350025	48.291	ng	98
84) Bis(2-ethylhexyl)phtha...	21.318	149	187329	48.214	ng	95
85) Di-n-octyl phthalate	22.446	149	313562	48.019	ng	99
87) Indeno(1,2,3-cd)pyrene	27.764	276	461542	49.084	ng	97
88) Benzo(b)fluoranthene	23.463	252	383587	49.912	ng	99
89) Benzo(k)fluoranthene	23.528	252	366203	47.311	ng	99
90) Benzo(a)pyrene	24.262	252	368019	51.958	ng	99
91) Dibenzo(a,h)anthracene	27.817	278	368482	49.001	ng	# 98
92) Benzo(g,h,i)perylene	28.810	276	375662	51.406	ng	94

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

