

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
 Data File : BG064705.D
 Acq On : 6 Nov 2025 16:28
 Operator : RC/JU
 Sample : Q3544-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ONYX-1MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 06 17:04:46 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 18:16:26 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	33404	20.000	ng	-0.02
21) Naphthalene-d8	11.025	136	126891	20.000	ng	#-0.02
39) Acenaphthene-d10	14.827	164	102831	20.000	ng	-0.02
64) Phenanthrene-d10	17.559	188	247723	20.000	ng	-0.02
76) Chrysene-d12	21.830	240	297913	20.000	ng	#-0.03
86) Perylene-d12	25.156	264	327428	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	218931	110.009	ng	-0.01
7) Phenol-d6	7.341	99	301883	110.545	ng	-0.01
23) Nitrobenzene-d5	9.363	82	200861	95.076	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	230939	155.602	ng	-0.02
45) 2-Fluorobiphenyl	13.452	172	496280	73.152	ng	-0.02
79) Terphenyl-d14	20.144	244	1084080	68.672	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.563	88	29683	33.689	ng	98
3) Pyridine	3.975	79	80050	30.254	ng	95
4) n-Nitrosodimethylamine	3.881	42	53995	38.054	ng	97
6) Aniline	7.512	93	74437	20.032	ng	95
8) 2-Chlorophenol	7.759	128	97582	46.846	ng	96
9) Benzaldehyde	7.324	77	58394	39.168	ng	97
10) Phenol	7.365	94	128292	42.480	ng	90
11) bis(2-Chloroethyl)ether	7.606	93	86197	38.820	ng	93
12) 1,3-Dichlorobenzene	8.088	146	108133	45.102	ng	98
13) 1,4-Dichlorobenzene	8.234	146	111583	45.772	ng	94
14) 1,2-Dichlorobenzene	8.558	146	107102	45.549	ng	98
15) Benzyl Alcohol	8.428	79	97454	43.276	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.728	45	219501	37.686	ng	98
17) 2-Methylphenol	8.634	107	90510	45.138	ng	97
18) Hexachloroethane	9.298	117	40609	47.469	ng	# 85
19) n-Nitroso-di-n-propyla...	9.004	70	77357	40.988	ng	97
20) 3+4-Methylphenols	8.963	107	123599	43.831	ng	96
22) Acetophenone	9.022	105	157909	45.524	ng	# 97
24) Nitrobenzene	9.404	77	121240	52.763	ng	92
25) Isophorone	9.938	82	224937	44.372	ng	99
26) 2-Nitrophenol	10.126	139	56713	62.926	ng	# 94
27) 2,4-Dimethylphenol	10.179	122	102426	54.318	ng	95
28) bis(2-Chloroethoxy)met...	10.414	93	126806	43.933	ng	99
29) 2,4-Dichlorophenol	10.661	162	112612	55.492	ng	97
30) 1,2,4-Trichlorobenzene	10.884	180	128478	55.721	ng	98
31) Naphthalene	11.078	128	330857	47.028	ng	99
32) Benzoic acid	10.303	122	78949m	53.872	ng	
33) 4-Chloroaniline	11.172	127	38691	14.149	ng	92
34) Hexachlorobutadiene	11.366	225	102801	57.010	ng	98
35) Caprolactam	11.942	113	32213m	41.387	ng	
36) 4-Chloro-3-methylphenol	12.277	107	122805	50.344	ng	99
37) 2-Methylnaphthalene	12.670	142	227853	44.113	ng	97
38) 1-Methylnaphthalene	12.888	142	234240	45.809	ng	96
40) 1,2,4,5-Tetrachloroben...	13.035	216	186407	54.014	ng	98
41) Hexachlorocyclopentadiene	13.017	237	234669	151.073	ng	99
43) 2,4,6-Trichlorophenol	13.258	196	111175	56.318	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.334	196	126397	55.485	ng	94
46) 1,1'-Biphenyl	13.663	154	347576	47.544	ng	98
47) 2-Chloronaphthalene	13.705	162	265575	48.127	ng	99
48) 2-Nitroaniline	13.893	65	91194	49.145	ng	91
49) Acenaphthylene	14.551	152	467113	53.666	ng	99
50) Dimethylphthalate	14.269	163	362826	46.110	ng	100
51) 2,6-Dinitrotoluene	14.386	165	75199	57.260	ng	89
52) Acenaphthene	14.891	154	316077	53.151	ng	99
53) 3-Nitroaniline	14.709	138	39227	29.008	ng	# 95
54) 2,4-Dinitrophenol	14.915	184	87115	107.302	ng	# 38
55) Dibenzofuran	15.220	168	459847	47.831	ng	99
56) 4-Nitrophenol	15.009	139	120932	96.457	ng	92
57) 2,4-Dinitrotoluene	15.168	165	111005	54.834	ng	# 94
58) Fluorene	15.867	166	357744	47.647	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.438	232	129964	59.661	ng	98
60) Diethylphthalate	15.626	149	364491	45.367	ng	100
61) 4-Chlorophenyl-phenyle...	15.855	204	214440	50.892	ng	96
62) 4-Nitroaniline	15.873	138	75785	50.375	ng	95
63) Azobenzene	16.149	77	334757	45.411	ng	95
65) 4,6-Dinitro-2-methylph...	15.931	198	69996	62.380	ng	98
66) n-Nitrosodiphenylamine	16.066	169	323469	48.339	ng	99
67) 4-Bromophenyl-phenylether	16.748	248	156676	53.371	ng	95
68) Hexachlorobenzene	16.871	284	183507	54.794	ng	97
69) Atrazine	17.007	200	149196	51.810	ng	99
70) Pentachlorophenol	17.206	266	193613	92.708	ng	87
71) Phenanthrene	17.600	178	629511	46.469	ng	100
72) Anthracene	17.694	178	649046	47.099	ng	100
73) Carbazole	17.953	167	553933	45.584	ng	99
74) Di-n-butylphthalate	18.505	149	625579	44.519	ng	98
75) Fluoranthene	19.598	202	797497	46.992	ng	98
77) Benzidine	19.762	184	258013	38.657	ng	99
78) Pyrene	19.956	202	823734	42.321	ng	100
80) Butylbenzylphthalate	20.831	149	285813	48.585	ng	91
81) Benzo(a)anthracene	21.813	228	932945	47.230	ng	100
82) 3,3'-Dichlorobenzidine	21.713	252	154997	23.498	ng	97
83) Chrysene	21.877	228	875013	46.554	ng	98
84) Bis(2-ethylhexyl)phtha...	21.713	149	415954	47.320	ng	# 98
85) Di-n-octyl phthalate	22.958	149	716797	48.366	ng	95
87) Indeno(1,2,3-cd)pyrene	28.963	276	1180623	49.015	ng	# 95
88) Benzo(b)fluoranthene	24.098	252	960982	47.863	ng	# 98
89) Benzo(k)fluoranthene	24.169	252	965856	48.073	ng	# 97
90) Benzo(a)pyrene	24.997	252	925604	50.153	ng	# 98
91) Dibenzo(a,h)anthracene	29.028	278	981221	50.142	ng	# 96
92) Benzo(g,h,i)perylene	30.162	276	939138	50.239	ng	# 96

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

