Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111025\
Data File : BG064732.D
Acq On : 10 Nov 2025 14:07
Operator : RC/JU
Sample : Q3562-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-110625MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

Quant Time: Nov 10 14:45:01 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	8.206	152	42939	20.000	ng		-0.02
21) Naphthalene-d8	11.032	136	168015	20.000	ng		#-0.02
39) Acenaphthene-d10	14.828	164	131298	20.000	ng		-0.02
64) Phenanthrene-d10	17.566	188	287909	20.000	ng		-0.02
76) Chrysene-d12	21.843	240	317067	20.000	ng		#-0.02
86) Perylene-d12	25.180	264	351711	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.738	112	157381	61.521	ng		-0.01
7) Phenol-d6	7.348	99	215146	61.289	ng		0.00
23) Nitrobenzene-d5	9.369	82	145395	51.976	ng		-0.02
42) 2,4,6-Tribromophenol	16.308	330	161107	85.016	ng		-0.01
45) 2-Fluorobiphenyl	13.459	172	400011	46.179	ng		-0.02
79) Terphenyl-d14	20.151	244	760736	45.279	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	27939	24.669	ng		100
3) Pyridine	3.976	79	81511	23.966	ng		98
4) n-Nitrosodimethylamine	3.887	42	55211	30.271	ng		95
6) Aniline	7.519	93	72736	15.227	ng		99
8) 2-Chlorophenol	7.765	128	116852	43.640	ng		97
9) Benzaldehyde	7.330	77	65303	34.075	ng		96
10) Phenol	7.377	94	157387	40.541	ng		96
11) bis(2-Chloroethyl)ether	7.607	93	101631	35.607	ng		88
12) 1,3-Dichlorobenzene	8.094	146	130056	42.200	ng		99
13) 1,4-Dichlorobenzene	8.241	146	134715	42.990	ng		94
14) 1,2-Dichlorobenzene	8.564	146	132940	43.983	ng		96
15) Benzyl Alcohol	8.435	79	115801	40.004	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.729	45	248666	33.213	ng		98
17) 2-Methylphenol	8.641	107	110102	42.716	ng		96
18) Hexachloroethane	9.305	117	51421	46.760	ng		89
19) n-Nitroso-di-n-propyla...	9.011	70	91621	37.766	ng		92
20) 3+4-Methylphenols	8.970	107	147897	40.801	ng		96
22) Acetophenone	9.028	105	191927	41.788	ng		94
24) Nitrobenzene	9.416	77	140741	46.258	ng		94
25) Isophorone	9.939	82	254019	37.844	ng		99
26) 2-Nitrophenol	10.133	139	69681	58.617	ng	#	93
27) 2,4-Dimethylphenol	10.186	122	120027	48.072	ng		98
28) bis(2-Chloroethoxy)met...	10.415	93	144956	37.929	ng		99
29) 2,4-Dichlorophenol	10.668	162	137504	51.173	ng		97
30) 1,2,4-Trichlorobenzene	10.891	180	165611	54.245	ng		95
31) Naphthalene	11.085	128	407526	43.748	ng		100
32) Benzoic acid	10.327	122	85556	45.338	ng		93
33) 4-Chloroaniline	11.179	127	57865	15.982	ng		97
34) Hexachlorobutadiene	11.373	225	133859	56.064	ng		94
35) Caprolactam	11.954	113	38291m	37.154	ng		
36) 4-Chloro-3-methylphenol	12.289	107	146511	45.361	ng		96
37) 2-Methylnaphthalene	12.677	142	275575	40.293	ng		99
38) 1-Methylnaphthalene	12.895	142	286379	42.298	ng		96
40) 1,2,4,5-Tetrachloroben...	13.036	216	231530	52.543	ng		98
41) Hexachlorocyclopentadiene	13.018	237	122898	61.964	ng		92
43) 2,4,6-Trichlorophenol	13.271	196	139804	55.466	ng		99

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44) 2,4,5-Trichlorophenol	13.341	196	153087	52.631	ng		94
46) 1,1'-Biphenyl	13.670	154	421935	45.202	ng		96
47) 2-Chloronaphthalene	13.711	162	319400	45.331	ng		99
48) 2-Nitroaniline	13.899	65	108101	45.856	ng		96
49) Acenaphthylene	14.557	152	556743	50.095	ng		99
50) Dimethylphthalate	14.275	163	417333	41.538	ng		100
51) 2,6-Dinitrotoluene	14.387	165	87860	52.667	ng		94
52) Acenaphthene	14.892	154	348658	45.918	ng		98
53) 3-Nitroaniline	14.722	138	61566	35.657	ng	#	93
54) 2,4-Dinitrophenol	14.922	184	77444	76.401	ng	#	36
55) Dibenzofuran	15.227	168	532222	43.356	ng		99
56) 4-Nitrophenol	15.016	139	139316	87.028	ng		91
57) 2,4-Dinitrotoluene	15.174	165	125370	48.855	ng	#	93
58) Fluorene	15.873	166	410434	42.812	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.445	232	154053	55.386	ng		96
60) Diethylphthalate	15.633	149	402116	39.199	ng		98
61) 4-Chlorophenyl-phenyle...	15.862	204	244320	45.412	ng		96
62) 4-Nitroaniline	15.873	138	75550	39.331	ng		90
63) Azobenzene	16.150	77	364286	38.703	ng		97
65) 4,6-Dinitro-2-methylph...	15.938	198	61533	48.506	ng		96
66) n-Nitrosodiphenylamine	16.067	169	362884	46.660	ng		98
67) 4-Bromophenyl-phenylether	16.749	248	176506	51.734	ng		97
68) Hexachlorobenzene	16.878	284	208669	53.610	ng		97
69) Atrazine	17.007	200	166417	49.724	ng		98
70) Pentachlorophenol	17.213	266	250808	103.332	ng		99
71) Phenanthrene	17.613	178	766837	48.705	ng		100
72) Anthracene	17.701	178	731474	45.672	ng		100
73) Carbazole	17.959	167	586704	41.542	ng		100
74) Di-n-butylphthalate	18.512	149	661745	40.519	ng		99
75) Fluoranthene	19.604	202	1056870	53.583	ng		97
77) Benzidine	19.769	184	131027	18.445	ng		96
78) Pyrene	19.969	202	1071671	51.733	ng		99
80) Butylbenzylphthalate	20.832	149	285276	45.564	ng		95
81) Benzo(a)anthracene	21.819	228	1130975	53.796	ng		99
82) 3,3'-Dichlorobenzidine	21.725	252	163431	23.280	ng		98
83) Chrysene	21.890	228	1043300	52.154	ng		97
84) Bis(2-ethylhexyl)phtha...	21.714	149	408760	43.692	ng	#	96
85) Di-n-octyl phthalate	22.971	149	715969	45.392	ng		96
87) Indeno(1,2,3-cd)pyrene	29.023	276	946868	36.597	ng	#	81
88) Benzo(b)fluoranthene	24.123	252	1078174	49.992	ng	#	96
89) Benzo(k)fluoranthene	24.193	252	1157843	53.649	ng	#	95
90) Benzo(a)pyrene	25.027	252	1060123	53.475	ng	#	97
91) Dibenzo(a,h)anthracene	29.087	278	744532	35.420	ng		99
92) Benzo(g,h,i)perylene	30.198	276	653722	32.556	ng	#	96

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

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