Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064709.D
Acq On : 6 Nov 2025 19:11
Operator : RC/JU
Sample : Q3532-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Quant Time: Nov 07 00:32:46 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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.201	152	29556	20.000	ng		-0.02
21) Naphthalene-d8	11.027	136	119455	20.000	ng		#-0.02
39) Acenaphthene-d10	14.823	164	96566	20.000	ng		-0.02
64) Phenanthrene-d10	17.560	188	241584	20.000	ng		#-0.02
76) Chrysene-d12	21.832	240	291808	20.000	ng		#-0.03
86) Perylene-d12	25.152	264	320592	20.000	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.733	112	239376	135.942	ng		-0.02
7) Phenol-d6	7.343	99	308266	127.579	ng		-0.01
23) Nitrobenzene-d5	9.364	82	232142	116.722	ng		-0.02
42) 2,4,6-Tribromophenol	16.303	330	276903	198.677	ng		-0.02
45) 2-Fluorobiphenyl	13.454	172	642712	100.883	ng		-0.02
79) Terphenyl-d14	20.152	244	1519936	98.297	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.577	88	24758	31.758	ng	#	78
3) Pyridine	3.994	79	66673	28.479	ng		97
4) n-Nitrosodimethylamine	3.888	42	47629	37.938	ng		93
6) Aniline	7.513	93	67862	20.640	ng		100
8) 2-Chlorophenol	7.760	128	87589	47.523	ng		95
9) Benzaldehyde	7.320	77	51293	38.884	ng		93
10) Phenol	7.367	94	106871	39.994	ng		93
11) bis(2-Chloroethyl)ether	7.607	93	77803	39.601	ng		94
12) 1,3-Dichlorobenzene	8.089	146	84891	40.018	ng		98
13) 1,4-Dichlorobenzene	8.236	146	87574	40.600	ng		97
14) 1,2-Dichlorobenzene	8.559	146	89529	43.033	ng		97
15) Benzyl Alcohol	8.430	79	91580	45.962	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.724	45	196352	38.101	ng		99
17) 2-Methylphenol	8.636	107	81209	45.773	ng	#	91
18) Hexachloroethane	9.300	117	32247	42.602	ng	#	81
19) n-Nitroso-di-n-propyla...	9.006	70	73668	44.115	ng		98
20) 3+4-Methylphenols	8.959	107	112924	45.259	ng		95
22) Acetophenone	9.023	105	145973	44.703	ng		96
24) Nitrobenzene	9.405	77	111059	51.341	ng		96
25) Isophorone	9.934	82	214274	44.899	ng		98
26) 2-Nitrophenol	10.128	139	51179	60.450	ng		95
27) 2,4-Dimethylphenol	10.175	122	93473	52.656	ng		98
28) bis(2-Chloroethoxy)met...	10.410	93	119202	43.869	ng		98
29) 2,4-Dichlorophenol	10.663	162	102796	53.808	ng		97
30) 1,2,4-Trichlorobenzene	10.886	180	113109	52.109	ng		98
31) Naphthalene	11.074	128	295419	44.605	ng		99
32) Benzoic acid	10.287	122	31082m	25.951	ng		
33) 4-Chloroaniline	11.180	127	14783	5.743	ng		97
34) Hexachlorobutadiene	11.368	225	86588	51.008	ng		95
35) Caprolactam	11.938	113	25874m	35.312	ng		
36) 4-Chloro-3-methylphenol	12.278	107	120369	52.417	ng		97
37) 2-Methylnaphthalene	12.666	142	212387	43.678	ng		98
38) 1-Methylnaphthalene	12.884	142	219530	45.605	ng		98
40) 1,2,4,5-Tetrachloroben...	13.030	216	173860	53.647	ng		99
41) Hexachlorocyclopentadiene	13.019	237	196277	134.555	ng		99
43) 2,4,6-Trichlorophenol	13.260	196	109198	58.905	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064709.D
Acq On : 6 Nov 2025 19:11
Operator : RC/JU
Sample : Q3532-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 07 00:32:46 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)
44)	2,4,5-Trichlorophenol	13.330	196	121363	56.732	ng		97
46)	1,1'-Biphenyl	13.659	154	335691	48.898	ng		95
47)	2-Chloronaphthalene	13.706	162	255359	49.278	ng		97
48)	2-Nitroaniline	13.894	65	92791	52.980	ng		99
49)	Acenaphthylene	14.546	152	463794	56.742	ng		99
50)	Dimethylphthalate	14.270	163	373943	50.606	ng		99
51)	2,6-Dinitrotoluene	14.382	165	79683	64.200	ng		93
52)	Acenaphthene	14.887	154	290365	51.995	ng		99
53)	3-Nitroaniline	14.711	138	28551	22.483	ng		97
54)	2,4-Dinitrophenol	14.917	184	59075	79.033	ng	#	36
55)	Dibenzofuran	15.222	168	457090	50.628	ng		99
56)	4-Nitrophenol	15.011	139	103311	87.748	ng		90
57)	2,4-Dinitrotoluene	15.169	165	116457	60.902	ng		91
58)	Fluorene	15.862	166	367651	52.143	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.439	232	129888	63.495	ng		98
60)	Diethylphthalate	15.627	149	375011	49.705	ng		98
61)	4-Chlorophenyl-phenyle...	15.851	204	214895	54.309	ng		98
62)	4-Nitroaniline	15.868	138	74711	52.883	ng		92
63)	Azobenzene	16.144	77	320301	46.269	ng		97
65)	4,6-Dinitro-2-methylph...	15.927	198	58468	54.209	ng		93
66)	n-Nitrosodiphenylamine	16.062	169	328027	50.266	ng		100
67)	4-Bromophenyl-phenylether	16.744	248	161612	56.451	ng		97
68)	Hexachlorobenzene	16.867	284	187523	57.416	ng		93
69)	Atrazine	17.002	200	149873	53.368	ng		98
70)	Pentachlorophenol	17.208	266	172473	84.684	ng		93
71)	Phenanthrene	17.602	178	655804	49.640	ng		100
72)	Anthracene	17.690	178	666678	49.608	ng		99
73)	Carbazole	17.954	167	562490	47.465	ng		99
74)	Di-n-butylphthalate	18.506	149	644855	47.057	ng		98
75)	Fluoranthene	19.599	202	837435	50.599	ng		96
77)	Benzidine	19.764	184	104350	15.961	ng		96
78)	Pyrene	19.958	202	869262	45.594	ng		100
80)	Butylbenzylphthalate	20.827	149	294123	51.044	ng		94
81)	Benzo(a)anthracene	21.808	228	986011	50.961	ng		99
82)	3,3'-Dichlorobenzidine	21.714	252	147285	22.796	ng		96
83)	Chrysene	21.879	228	917623	49.843	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.709	149	432047	50.179	ng		99
85)	Di-n-octyl phthalate	22.960	149	749550	51.634	ng		95
87)	Indeno(1,2,3-cd)pyrene	28.971	276	1250373	53.018	ng	#	97
88)	Benzo(b)fluoranthene	24.100	252	1022561	52.016	ng	#	98
89)	Benzo(k)fluoranthene	24.170	252	1017424	51.719	ng		98
90)	Benzo(a)pyrene	24.999	252	978168	54.131	ng	#	97
91)	Dibenzo(a,h)anthracene	29.041	278	1027255	53.614	ng	#	96
92)	Benzo(g,h,i)perylene	30.157	276	993251	54.267	ng	#	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064709.D
Acq On : 6 Nov 2025 19:11
Operator : RC/JU
Sample : Q3532-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 07 00:32:46 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

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025