Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064503.D
Acq On : 14 Oct 2025 16:52
Operator : RC/JU
Sample : Q3321-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 14 17:30:11 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

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	18595	20.000	ng	#	0.00
21) Naphthalene-d8	10.609	136	69814	20.000	ng		0.00
39) Acenaphthene-d10	14.452	164	49830	20.000	ng		0.00
64) Phenanthrene-d10	17.190	188	122524	20.000	ng		0.00
76) Chrysene-d12	21.414	240	143332	20.000	ng		0.00
86) Perylene-d12	24.387	264	156729	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.421	112	144945	144.258	ng		0.02
7) Phenol-d6	7.002	99	175696	130.122	ng		0.02
23) Nitrobenzene-d5	8.976	82	132893	102.353	ng		0.00
42) 2,4,6-Tribromophenol	15.938	330	144419	159.890	ng		0.00
45) 2-Fluorobiphenyl	13.071	172	344392	101.873	ng		0.00
79) Terphenyl-d14	19.804	244	736455	97.239	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.335	88	15583	39.210	ng	#	81
3) Pyridine	3.735	79	41054	38.436	ng		95
4) n-Nitrosodimethylamine	3.635	42	39436	50.931	ng		93
6) Aniline	7.154	93	48050	28.212	ng		96
8) 2-Chlorophenol	7.395	128	62160	50.381	ng		98
9) Benzaldehyde	6.960	77	18312	15.278	ng		98
10) Phenol	7.031	94	67286	47.239	ng		93
11) bis(2-Chloroethyl)ether	7.248	93	46911	48.632	ng		96
12) 1,3-Dichlorobenzene	7.712	146	66927	49.587	ng		98
13) 1,4-Dichlorobenzene	7.859	146	67389	49.749	ng		96
14) 1,2-Dichlorobenzene	8.177	146	65454	49.028	ng		97
15) Benzyl Alcohol	8.065	79	63931	51.413	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.353	45	74023	47.607	ng		96
17) 2-Methylphenol	8.271	107	52697	51.092	ng		96
18) Hexachloroethane	8.899	117	26001	48.629	ng		90
19) n-Nitroso-di-n-propyla...	8.629	70	43630	48.316	ng		85
20) 3+4-Methylphenols	8.600	107	70685	49.110	ng		98
22) Acetophenone	8.641	105	105797	62.588	ng		96
24) Nitrobenzene	9.017	77	71375	55.126	ng		94
25) Isophorone	9.540	82	126946	53.971	ng		99
26) 2-Nitrophenol	9.728	139	35669	55.352	ng		92
27) 2,4-Dimethylphenol	9.792	122	61012	61.989	ng		95
28) bis(2-Chloroethoxy)met...	10.022	93	65982	55.032	ng		97
29) 2,4-Dichlorophenol	10.262	162	64011	56.241	ng		96
30) 1,2,4-Trichlorobenzene	10.474	180	71496	57.612	ng	#	92
31) Naphthalene	10.662	128	194399	54.074	ng		98
32) Benzoic acid	9.963	122	49164	65.060	ng		89
33) 4-Chloroaniline	10.774	127	23607	17.112	ng		98
34) Hexachlorobutadiene	10.950	225	57580	54.177	ng		100
35) Caprolactam	11.543	113	18979m	48.709	ng		
36) 4-Chloro-3-methylphenol	11.902	107	74780	54.028	ng		94
37) 2-Methylnaphthalene	12.266	142	136497	49.462	ng		95
38) 1-Methylnaphthalene	12.489	142	139412	50.664	ng		98
40) 1,2,4,5-Tetrachloroben...	12.642	216	101777	63.258	ng		97
41) Hexachlorocyclopentadiene	12.624	237	145516	172.901	ng		94
43) 2,4,6-Trichlorophenol	12.883	196	60168	58.500	ng		90

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064503.D
Acq On : 14 Oct 2025 16:52
Operator : RC/JU
Sample : Q3321-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS

Quant Time: Oct 14 17:30:11 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.959	196	68658	59.793	ng		94
46) 1,1'-Biphenyl	13.282	154	222941	62.206	ng		97
47) 2-Chloronaphthalene	13.324	162	154043	57.568	ng		97
48) 2-Nitroaniline	13.529	65	54579	59.762	ng		96
49) Acenaphthylene	14.170	152	257562	64.841	ng		98
50) Dimethylphthalate	13.911	163	218408	55.963	ng		98
51) 2,6-Dinitrotoluene	14.029	165	47146	57.991	ng		88
52) Acenaphthene	14.516	154	150360	54.485	ng		98
53) 3-Nitroaniline	14.358	138	30198	40.277	ng		89
54) 2,4-Dinitrophenol	14.563	184	69914	118.598	ng		87
55) Dibenzofuran	14.851	168	255068	55.977	ng		98
56) 4-Nitrophenol	14.675	139	72105	122.149	ng		93
57) 2,4-Dinitrotoluene	14.816	165	74082	59.609	ng		98
58) Fluorene	15.497	166	214511	56.627	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	71510	61.023	ng		99
60) Diethylphthalate	15.274	149	233036	55.662	ng		98
61) 4-Chlorophenyl-phenyle...	15.492	204	113694	54.975	ng		97
62) 4-Nitroaniline	15.521	138	47983	61.402	ng	#	86
63) Azobenzene	15.785	77	183708	56.658	ng		96
65) 4,6-Dinitro-2-methylph...	15.580	198	50671	59.396	ng		98
66) n-Nitrosodiphenylamine	15.709	169	190603	58.255	ng		96
67) 4-Bromophenyl-phenylether	16.385	248	81638	56.621	ng		93
68) Hexachlorobenzene	16.502	284	95350	57.793	ng		96
69) Atrazine	16.661	200	73161	50.259	ng		98
70) Pentachlorophenol	16.849	266	128380	133.084	ng		100
71) Phenanthrene	17.231	178	360559	56.272	ng		98
72) Anthracene	17.325	178	369870	57.540	ng		97
73) Carbazole	17.595	167	335870	60.450	ng		99
74) Di-n-butylphthalate	18.159	149	393541	58.022	ng		99
75) Fluoranthene	19.240	202	456088	59.583	ng		98
77) Benzidine	19.434	184	49523	13.885	ng		94
78) Pyrene	19.604	202	483530	51.982	ng		99
80) Butylbenzylphthalate	20.497	149	185102	56.136	ng		94
81) Benzo(a)anthracene	21.396	228	510150	55.743	ng		99
82) 3,3'-Dichlorobenzidine	21.320	252	123714	39.940	ng	#	95
83) Chrysene	21.461	228	471702	54.348	ng		97
84) Bis(2-ethylhexyl)phtha...	21.320	149	265825	57.137	ng		99
85) Di-n-octyl phthalate	22.442	149	451847	57.787	ng		99
87) Indeno(1,2,3-cd)pyrene	27.748	276	625337	57.321	ng		99
88) Benzo(b)fluoranthene	23.453	252	498542	55.913	ng		99
89) Benzo(k)fluoranthene	23.517	252	516266	57.490	ng		98
90) Benzo(a)pyrene	24.252	252	481132	58.549	ng		98
91) Dibenzo(a,h)anthracene	27.801	278	505403	57.930	ng		97
92) Benzo(g,h,i)perylene	28.800	276	497074	58.630	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064503.D
Acq On : 14 Oct 2025 16:52
Operator : RC/JU
Sample : Q3321-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 14 17:30:11 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

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025