Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064912.D
Acq On : 9 Dec 2025 19:44
Operator : RC/JU
Sample : Q3795-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/10/2025
Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 10 00:15:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.153	152	19263	20.000	ng		-0.01
21) Naphthalene-d8	10.967	136	75596	20.000	ng		#-0.02
39) Acenaphthene-d10	14.763	164	70408	20.000	ng		-0.01
64) Phenanthrene-d10	17.495	188	177964	20.000	ng		# 0.00
76) Chrysene-d12	21.749	240	219345	20.000	ng		# 0.00
86) Perylene-d12	24.998	264	247669	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	150003	135.980	ng		0.00
7) Phenol-d6	7.301	99	198952	135.599	ng		0.00
23) Nitrobenzene-d5	9.316	82	131582	86.060	ng		-0.01
42) 2,4,6-Tribromophenol	16.243	330	239490	174.406	ng		0.00
45) 2-Fluorobiphenyl	13.394	172	455219	90.215	ng		-0.01
79) Terphenyl-d14	20.080	244	1166213	104.586	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	12865	30.125	ng		95
3) Pyridine	3.917	79	38395	30.174	ng		96
4) n-Nitrosodimethylamine	3.829	42	27757	42.859	ng	#	89
6) Aniline	7.465	93	41655	21.300	ng		98
8) 2-Chlorophenol	7.712	128	60022	49.553	ng		99
9) Benzaldehyde	7.277	77	39287	40.905	ng		97
10) Phenol	7.330	94	73331	45.936	ng		91
11) bis(2-Chloroethyl)ether	7.559	93	44637	39.294	ng		96
12) 1,3-Dichlorobenzene	8.041	146	64969	46.613	ng		98
13) 1,4-Dichlorobenzene	8.188	146	64889	45.721	ng		95
14) 1,2-Dichlorobenzene	8.511	146	65984	47.950	ng		96
15) Benzyl Alcohol	8.382	79	56676	47.061	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.670	45	90116	33.515	ng		96
17) 2-Methylphenol	8.594	107	53443	47.314	ng		93
18) Hexachloroethane	9.246	117	23466	43.655	ng	#	84
19) n-Nitroso-di-n-propyla...	8.958	70	41529	41.862	ng		98
20) 3+4-Methylphenols	8.917	107	73188	47.297	ng		92
22) Acetophenone	8.975	105	90887	44.129	ng	#	98
24) Nitrobenzene	9.357	77	67847	43.917	ng		98
25) Isophorone	9.880	82	118131	40.572	ng	#	98
26) 2-Nitrophenol	10.068	139	36159	52.037	ng		95
27) 2,4-Dimethylphenol	10.127	122	60331	48.871	ng		97
28) bis(2-Chloroethoxy)met...	10.362	93	66028	41.307	ng		96
29) 2,4-Dichlorophenol	10.609	162	72502	54.703	ng		94
30) 1,2,4-Trichlorobenzene	10.832	180	88368	55.215	ng		98
31) Naphthalene	11.020	128	195760	45.681	ng		99
32) Benzoic acid	10.256	122	39452m	45.614	ng		
33) 4-Chloroaniline	11.120	127	11597	6.765	ng		95
34) Hexachlorobutadiene	11.308	225	78114	56.886	ng		95
35) Caprolactam	11.878	113	19251m	48.563	ng		
36) 4-Chloro-3-methylphenol	12.230	107	73949	50.128	ng		97
37) 2-Methylnaphthalene	12.612	142	142860	44.548	ng		97
38) 1-Methylnaphthalene	12.830	142	150572	47.267	ng		99
40) 1,2,4,5-Tetrachloroben...	12.977	216	137506	50.183	ng		99
41) Hexachlorocyclopentadiene	12.959	237	206676	105.231	ng		96
43) 2,4,6-Trichlorophenol	13.206	196	82584	51.352	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064912.D
Acq On : 9 Dec 2025 19:44
Operator : RC/JU
Sample : Q3795-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 10 00:15:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
72-11966MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2025
Supervised By :Sohil Jodhani 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.276	196	90041	49.920	ng		97
46) 1,1'-Biphenyl	13.605	154	225645	44.621	ng		96
47) 2-Chloronaphthalene	13.652	162	179757	45.120	ng		99
48) 2-Nitroaniline	13.840	65	54276	42.356	ng		94
49) Acenaphthylene	14.492	152	315359	46.333	ng		99
50) Dimethylphthalate	14.210	163	259848	46.720	ng		97
51) 2,6-Dinitrotoluene	14.328	165	52449	49.008	ng		96
52) Acenaphthene	14.827	154	183787m	45.035	ng		
53) 3-Nitroaniline	14.657	138	18110	17.145	ng		85
54) 2,4-Dinitrophenol	14.863	184	73364	97.919	ng		97
55) Dibenzofuran	15.162	168	319384	47.339	ng		99
56) 4-Nitrophenol	14.963	139	72235	86.193	ng	#	87
57) 2,4-Dinitrotoluene	15.109	165	79760	49.711	ng		97
58) Fluorene	15.803	166	250697	47.377	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.380	232	102996	57.875	ng		95
60) Diethylphthalate	15.562	149	253393	47.559	ng		98
61) 4-Chlorophenyl-phenyle...	15.791	204	166117	52.310	ng		96
62) 4-Nitroaniline	15.814	138	50139	45.819	ng		90
63) Azobenzene	16.085	77	186962	42.189	ng		92
65) 4,6-Dinitro-2-methylph...	15.867	198	57680	58.375	ng		93
66) n-Nitrosodiphenylamine	16.002	169	226064	48.496	ng		99
67) 4-Bromophenyl-phenylether	16.684	248	131385	56.218	ng		94
68) Hexachlorobenzene	16.807	284	157484	55.619	ng	#	90
69) Atrazine	16.937	200	108977	48.489	ng		98
70) Pentachlorophenol	17.142	266	184463	107.779	ng		95
71) Phenanthrene	17.536	178	449494	46.163	ng		100
72) Anthracene	17.630	178	465690	46.904	ng		99
73) Carbazole	17.889	167	375652	44.012	ng		98
74) Di-n-butylphthalate	18.441	149	422605	44.380	ng		99
75) Fluoranthene	19.534	202	593051	44.541	ng		97
77) Benzidine	19.698	184	222174	33.821	ng		100
78) Pyrene	19.892	202	610197	49.636	ng		99
80) Butylbenzylphthalate	20.762	149	184831	42.745	ng		91
81) Benzo(a)anthracene	21.725	228	702156	47.078	ng		99
82) 3,3'-Dichlorobenzidine	21.631	252	112673	20.525	ng	#	99
83) Chrysene	21.790	228	669262	47.596	ng		99
84) Bis(2-ethylhexyl)phtha...	21.619	149	266794	42.224	ng		98
85) Di-n-octyl phthalate	22.842	149	447412	40.964	ng		98
87) Indeno(1,2,3-cd)pyrene	28.723	276	890738	52.348	ng	#	99
88) Benzo(b)fluoranthene	23.964	252	741226	47.028	ng	#	98
89) Benzo(k)fluoranthene	24.034	252	723879	45.715	ng	#	99
90) Benzo(a)pyrene	24.845	252	702897	48.076	ng	#	98
91) Dibenzo(a,h)anthracene	28.782	278	744820	53.432	ng		97
92) Benzo(g,h,i)perylene	29.886	276	713915	53.215	ng	#	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064912.D
Acq On : 9 Dec 2025 19:44
Operator : RC/JU
Sample : Q3795-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 10 00:15:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
72-11966MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2025
Supervised By :Sohil Jodhani 12/12/2025