Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064424.D
Acq On : 22 Sep 2025 21:02
Operator : RC/JU
Sample : Q3133-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 23 01:53:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-238MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.841	152	17185	20.000	ng		-0.02
21) Naphthalene-d8	10.626	136	75788	20.000	ng		#-0.02
39) Acenaphthene-d10	14.469	164	57701	20.000	ng		-0.01
64) Phenanthrene-d10	17.207	188	138853	20.000	ng		#-0.02
76) Chrysene-d12	21.437	240	148540	20.000	ng		#-0.02
86) Perylene-d12	24.434	264	163739	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.433	112	157183	164.097	ng		-0.01
7) Phenol-d6	7.019	99	203176	154.396	ng		-0.01
23) Nitrobenzene-d5	8.993	82	159460	117.342	ng		-0.02
42) 2,4,6-Tribromophenol	15.956	330	172690	225.952	ng		-0.02
45) 2-Fluorobiphenyl	13.088	172	437744	115.796	ng		-0.02
79) Terphenyl-d14	19.827	244	888951	124.859	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	14622	36.624	ng	#	52
3) Pyridine	3.752	79	38646	32.884	ng	#	58
4) n-Nitrosodimethylamine	3.652	42	40240	51.766	ng		89
6) Aniline	7.172	93	53856	29.595	ng		99
8) 2-Chlorophenol	7.407	128	63657	54.385	ng		98
9) Benzaldehyde	6.978	77	31583	29.164	ng		96
10) Phenol	7.042	94	69077	47.612	ng		84
11) bis(2-Chloroethyl)ether	7.266	93	44321	40.653	ng		99
12) 1,3-Dichlorobenzene	7.730	146	61223	49.166	ng		97
13) 1,4-Dichlorobenzene	7.877	146	62106	49.419	ng		96
14) 1,2-Dichlorobenzene	8.188	146	61582	50.772	ng		98
15) Benzyl Alcohol	8.076	79	67238	55.368	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.370	45	80384	32.294	ng		91
17) 2-Methylphenol	8.288	107	56053	51.839	ng		92
18) Hexachloroethane	8.917	117	23690	48.291	ng		89
19) n-Nitroso-di-n-propyla...	8.646	70	48844	48.498	ng	#	96
20) 3+4-Methylphenols	8.611	107	75203	50.053	ng		97
22) Acetophenone	8.658	105	108863	56.778	ng	#	95
24) Nitrobenzene	9.034	77	73947	52.082	ng		99
25) Isophorone	9.557	82	139107	49.254	ng		95
26) 2-Nitrophenol	9.745	139	36304	59.175	ng	#	83
27) 2,4-Dimethylphenol	9.810	122	66774	61.994	ng		95
28) bis(2-Chloroethoxy)met...	10.039	93	72123	47.359	ng		96
29) 2,4-Dichlorophenol	10.280	162	70152	61.727	ng		95
30) 1,2,4-Trichlorobenzene	10.491	180	68728	57.354	ng		94
31) Naphthalene	10.673	128	201175	51.189	ng		98
32) Benzoic acid	9.992	122	73365	85.806	ng		96
33) 4-Chloroaniline	10.791	127	15590	10.235	ng	#	83
34) Hexachlorobutadiene	10.967	225	54063	61.034	ng		92
35) Caprolactam	11.567	113	20456m	46.485	ng		
36) 4-Chloro-3-methylphenol	11.919	107	88534	60.041	ng		98
37) 2-Methylnaphthalene	12.289	142	146601	50.185	ng		95
38) 1-Methylnaphthalene	12.507	142	152769	52.946	ng		97
40) 1,2,4,5-Tetrachloroben...	12.659	216	106314	63.858	ng		97
41) Hexachlorocyclopentadiene	12.642	237	127618	161.286	ng		93
43) 2,4,6-Trichlorophenol	12.900	196	69102	62.099	ng		95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064424.D
Acq On : 22 Sep 2025 21:02
Operator : RC/JU
Sample : Q3133-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-238MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

Quant Time: Sep 23 01:53:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	74992	62.126	ng		96
46) 1,1'-Biphenyl	13.300	154	255737	60.852	ng		96
47) 2-Chloronaphthalene	13.341	162	167540	53.027	ng		96
48) 2-Nitroaniline	13.541	65	63246	58.731	ng		89
49) Acenaphthylene	14.187	152	295177	63.200	ng		99
50) Dimethylphthalate	13.928	163	247547	56.680	ng		99
51) 2,6-Dinitrotoluene	14.040	165	53434	63.197	ng		98
52) Acenaphthene	14.534	154	171886	52.150	ng		99
53) 3-Nitroaniline	14.369	138	21803	24.617	ng	#	96
54) 2,4-Dinitrophenol	14.581	184	73819	129.840	ng	#	76
55) Dibenzofuran	14.869	168	294528	56.811	ng		99
56) 4-Nitrophenol	14.692	139	76557	105.376	ng	#	73
57) 2,4-Dinitrotoluene	14.833	165	82793	64.761	ng	#	97
58) Fluorene	15.515	166	249559	58.731	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.098	232	75892	65.368	ng		98
60) Diethylphthalate	15.292	149	264047	56.491	ng		99
61) 4-Chlorophenyl-phenyle...	15.509	204	129396	61.076	ng		100
62) 4-Nitroaniline	15.538	138	51967	57.501	ng	#	81
63) Azobenzene	15.803	77	221338	53.130	ng		91
65) 4,6-Dinitro-2-methylph...	15.597	198	53985	67.718	ng		95
66) n-Nitrosodiphenylamine	15.726	169	218361	57.167	ng		97
67) 4-Bromophenyl-phenylether	16.402	248	92109	62.456	ng		98
68) Hexachlorobenzene	16.520	284	101374	61.899	ng		95
69) Atrazine	16.672	200	97748	61.288	ng		96
70) Pentachlorophenol	16.866	266	134616	135.561	ng		93
71) Phenanthrene	17.248	178	414732	56.630	ng		98
72) Anthracene	17.342	178	424516	56.985	ng		99
73) Carbazole	17.612	167	374300	57.035	ng		99
74) Di-n-butylphthalate	18.176	149	465863	59.086	ng		99
75) Fluoranthene	19.258	202	498405	57.879	ng		97
77) Benzidine	19.440	184	140867	45.081	ng		96
78) Pyrene	19.622	202	517756	55.326	ng		99
80) Butylbenzylphthalate	20.515	149	205267	58.155	ng		96
81) Benzo(a)anthracene	21.420	228	542960	57.136	ng		99
82) 3,3'-Dichlorobenzidine	21.337	252	81443	26.315	ng		99
83) Chrysene	21.478	228	506126	55.477	ng		99
84) Bis(2-ethylhexyl)phtha...	21.343	149	294058	55.490	ng		99
85) Di-n-octyl phthalate	22.471	149	494880	53.596	ng		96
87) Indeno(1,2,3-cd)pyrene	27.818	276	655408	58.613	ng		99
88) Benzo(b)fluoranthene	23.488	252	540387	58.476	ng	#	97
89) Benzo(k)fluoranthene	23.552	252	529566	56.249	ng	#	95
90) Benzo(a)pyrene	24.299	252	514992	59.908	ng	#	97
91) Dibenzo(a,h)anthracene	27.871	278	529955	59.028	ng		95
92) Benzo(g,h,i)perylene	28.870	276	523235	59.893	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064424.D
Acq On : 22 Sep 2025 21:02
Operator : RC/JU
Sample : Q3133-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 23 01:53:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-238MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025