Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143599.D
Acq On : 27 Aug 2025 10:44
Operator : RC/JU
Sample : PB169400BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 11:28:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169400BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	111970	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	432799	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	237638	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	373389	20.000	ng	0.00
76) Chrysene-d12	14.051	240	222062	20.000	ng	0.00
86) Perylene-d12	15.527	264	236819	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	833618	126.713	ng	0.01
7) Phenol-d6	6.510	99	1030702	126.493	ng	0.00
23) Nitrobenzene-d5	7.451	82	647901	106.887	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	282771	152.160	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1280102	92.101	ng	0.00
79) Terphenyl-d14	12.998	244	1189292	96.107	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	124124	38.566	ng	99
3) Pyridine	3.522	79	339971	42.066	ng	98
4) n-Nitrosodimethylamine	3.475	42	176782	45.968	ng	100
6) Aniline	6.557	93	410494	36.086	ng	99
8) 2-Chlorophenol	6.675	128	325110	46.709	ng	98
9) Benzaldehyde	6.439	77	135986	22.180	ng	97
10) Phenol	6.528	94	421155m	46.085	ng	
11) bis(2-Chloroethyl)ether	6.628	93	309736	44.230	ng	99
12) 1,3-Dichlorobenzene	6.834	146	365908	45.767	ng	99
13) 1,4-Dichlorobenzene	6.910	146	369066	45.780	ng	99
14) 1,2-Dichlorobenzene	7.063	146	355277	46.460	ng	99
15) Benzyl Alcohol	7.028	79	286472	46.911	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	560431	43.356	ng	98
17) 2-Methylphenol	7.134	107	275828	46.681	ng	99
18) Hexachloroethane	7.404	117	123585	48.245	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	240673	46.624	ng	98
20) 3+4-Methylphenols	7.286	107	338932	46.703	ng	98
22) Acetophenone	7.298	105	457550	46.943	ng	98
24) Nitrobenzene	7.469	77	347228	53.431	ng	99
25) Isophorone	7.710	82	659776	46.512	ng	100
26) 2-Nitrophenol	7.786	139	153497	55.090	ng	99
27) 2,4-Dimethylphenol	7.822	122	315916	51.186	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	396391	46.187	ng	99
29) 2,4-Dichlorophenol	8.022	162	286503	48.180	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	306177	49.314	ng	99
31) Naphthalene	8.192	128	953986	45.622	ng	100
32) Benzoic acid	7.928	122	184957m	55.686	ng	
33) 4-Chloroaniline	8.239	127	224708	30.418	ng	97
34) Hexachlorobutadiene	8.310	225	184577	47.179	ng	99
35) Caprolactam	8.604	113	85583m	50.659	ng	
36) 4-Chloro-3-methylphenol	8.716	107	298710	48.048	ng	99
37) 2-Methylnaphthalene	8.886	142	580633	42.047	ng	99
38) 1-Methylnaphthalene	8.986	142	599819	45.006	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	283986	45.944	ng	98
41) Hexachlorocyclopentadiene	9.039	237	399556	131.399	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	197436	48.338	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143599.D
Acq On : 27 Aug 2025 10:44
Operator : RC/JU
Sample : PB169400BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 11:28:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169400BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	211603	51.270	ng		99
46) 1,1'-Biphenyl	9.351	154	783645	47.525	ng		100
47) 2-Chloronaphthalene	9.375	162	606121	46.534	ng		99
48) 2-Nitroaniline	9.469	65	187169	51.400	ng		96
49) Acenaphthylene	9.792	152	980610	51.743	ng		99
50) Dimethylphthalate	9.651	163	695093	47.554	ng		99
51) 2,6-Dinitrotoluene	9.710	165	147525	58.885	ng		91
52) Acenaphthene	9.963	154	617073	49.708	ng		99
53) 3-Nitroaniline	9.875	138	107751	38.091	ng	#	96
54) 2,4-Dinitrophenol	9.980	184	116786	100.818	ng	#	13
55) Dibenzofuran	10.133	168	841353	46.227	ng		99
56) 4-Nitrophenol	10.027	139	240793	94.679	ng		98
57) 2,4-Dinitrotoluene	10.110	165	193075	58.686	ng		98
58) Fluorene	10.480	166	635867	46.532	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	176185	57.740	ng		97
60) Diethylphthalate	10.351	149	668905	48.832	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	309723	46.344	ng		98
62) 4-Nitroaniline	10.492	138	147284	53.764	ng		97
63) Azobenzene	10.627	77	655115	47.169	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	79913	58.768	ng		95
66) n-Nitrosodiphenylamine	10.586	169	563947	47.483	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	192382	47.634	ng		99
68) Hexachlorobenzene	11.022	284	205137	47.485	ng		96
69) Atrazine	11.116	200	173138	50.715	ng		99
70) Pentachlorophenol	11.216	266	259532	105.150	ng		99
71) Phenanthrene	11.439	178	931961	46.617	ng		100
72) Anthracene	11.492	178	955529	47.428	ng		99
73) Carbazole	11.639	167	829340	47.622	ng		100
74) Di-n-butylphthalate	11.974	149	945553	53.305	ng		100
75) Fluoranthene	12.627	202	865301	47.404	ng		99
77) Benzidine	12.745	184	349498	68.362	ng		99
78) Pyrene	12.857	202	869847	46.805	ng		99
80) Butylbenzylphthalate	13.474	149	273157	51.738	ng		98
81) Benzo(a)anthracene	14.039	228	646784	46.296	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	125606	33.534	ng		98
83) Chrysene	14.080	228	630110	48.396	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	350680	51.350	ng		98
85) Di-n-octyl phthalate	14.651	149	616230	48.476	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	818165	50.779	ng		99
88) Benzo(b)fluoranthene	15.092	252	646081	47.748	ng		99
89) Benzo(k)fluoranthene	15.127	252	562452	44.457	ng		99
90) Benzo(a)pyrene	15.462	252	604048	50.526	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	668979	50.730	ng		100
92) Benzo(g,h,i)perylene	17.480	276	667660	51.140	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143599.D
Acq On : 27 Aug 2025 10:44
Operator : RC/JU
Sample : PB169400BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 11:28:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169400BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025