Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143990.D
Acq On : 17 Oct 2025 17:45
Operator : RC/JU
Sample : Q3352-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 17 18:04:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	83393	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	325316	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	173895	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	283241	20.000	ng		0.00
76) Chrysene-d12	14.063	240	164621	20.000	ng		0.00
86) Perylene-d12	15.545	264	207601	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	793992	151.194	ng		0.01
7) Phenol-d6	6.510	99	892476	142.578	ng		0.00
23) Nitrobenzene-d5	7.445	82	623529	116.448	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	293535	169.475	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1166155	106.408	ng		-0.01
79) Terphenyl-d14	13.004	244	1054626	109.490	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	128093	52.710	ng	#	79
3) Pyridine	3.528	79	334415	47.271	ng		98
4) n-Nitrosodimethylamine	3.469	42	207701	55.811	ng		93
6) Aniline	6.545	93	138064	14.719	ng		94
8) 2-Chlorophenol	6.669	128	297355	57.927	ng		97
9) Benzaldehyde	6.434	77	138153	28.611	ng		97
10) Phenol	6.528	94	373052	49.850	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	326044	56.401	ng		96
12) 1,3-Dichlorobenzene	6.822	146	335270	54.562	ng		99
13) 1,4-Dichlorobenzene	6.898	146	340375	56.156	ng		100
14) 1,2-Dichlorobenzene	7.051	146	333008	57.359	ng		99
15) Benzyl Alcohol	7.022	79	288474	61.508	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	755848	57.442	ng		98
17) 2-Methylphenol	7.134	107	241249	56.867	ng		99
18) Hexachloroethane	7.392	117	107618	53.239	ng		98
19) n-Nitroso-di-n-propyla...	7.293	70	233772	54.560	ng		99
20) 3+4-Methylphenols	7.287	107	271318	55.181	ng	#	66
22) Acetophenone	7.293	105	415887	60.461	ng		100
24) Nitrobenzene	7.463	77	351180	59.058	ng		99
25) Isophorone	7.704	82	636999	56.420	ng		99
26) 2-Nitrophenol	7.781	139	168592	66.131	ng		97
27) 2,4-Dimethylphenol	7.816	122	287486	62.688	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	412096	57.781	ng		98
29) 2,4-Dichlorophenol	8.022	162	276020	57.782	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	274625	58.456	ng		99
31) Naphthalene	8.187	128	821050	55.482	ng		100
32) Benzoic acid	7.928	122	155951	49.136	ng		98
33) 4-Chloroaniline	8.234	127	54629	9.843	ng		98
34) Hexachlorobutadiene	8.304	225	177016	54.223	ng		99
35) Caprolactam	8.604	113	76236m	50.193	ng		
36) 4-Chloro-3-methylphenol	8.716	107	259230	56.495	ng		100
37) 2-Methylnaphthalene	8.881	142	506176	51.349	ng		100
38) 1-Methylnaphthalene	8.975	142	514331	53.792	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	307006	63.877	ng		99
41) Hexachlorocyclopentadiene	9.034	237	245462	123.106	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	199798	56.895	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143990.D
Acq On : 17 Oct 2025 17:45
Operator : RC/JU
Sample : Q3352-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 17 18:04:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	216751	58.407	ng		100
46) 1,1'-Biphenyl	9.345	154	713703	61.989	ng		99
47) 2-Chloronaphthalene	9.369	162	546339	56.914	ng		99
48) 2-Nitroaniline	9.463	65	192927	63.569	ng		99
49) Acenaphthylene	9.786	152	868694	64.370	ng		100
50) Dimethylphthalate	9.645	163	638446	57.814	ng		99
51) 2,6-Dinitrotoluene	9.704	165	136306	66.565	ng		99
52) Acenaphthene	9.957	154	520119	58.817	ng		99
53) 3-Nitroaniline	9.875	138	43901	17.509	ng		99
54) 2,4-Dinitrophenol	9.986	184	107102	84.377	ng		93
55) Dibenzofuran	10.128	168	706104	56.566	ng		99
56) 4-Nitrophenol	10.039	139	185347	97.630	ng		99
57) 2,4-Dinitrotoluene	10.110	165	185935	66.735	ng		99
58) Fluorene	10.475	166	546575	58.028	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	161544	61.494	ng	#	97
60) Diethylphthalate	10.345	149	579033	56.441	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	279237	56.073	ng		98
62) 4-Nitroaniline	10.492	138	131445	54.516	ng		94
63) Azobenzene	10.628	77	623467	58.147	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	87685	61.604	ng		97
66) n-Nitrosodiphenylamine	10.586	169	531954	59.814	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	186312	59.520	ng		98
68) Hexachlorobenzene	11.022	284	210140	57.987	ng		100
69) Atrazine	11.110	200	164283	60.946	ng		98
70) Pentachlorophenol	11.222	266	220629	106.004	ng		99
71) Phenanthrene	11.439	178	785750	57.222	ng		100
72) Anthracene	11.492	178	807542	58.213	ng		99
73) Carbazole	11.645	167	702537	57.182	ng		99
74) Di-n-butylphthalate	11.975	149	857538	60.223	ng		99
75) Fluoranthene	12.633	202	789024	55.629	ng		100
77) Benzidine	12.757	184	76105	13.314	ng		98
78) Pyrene	12.863	202	804832	58.643	ng		99
80) Butylbenzylphthalate	13.480	149	297992	66.856	ng		98
81) Benzo(a)anthracene	14.051	228	660652	61.325	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	64340	19.598	ng		99
83) Chrysene	14.086	228	620828	62.266	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	374246	69.654	ng		100
85) Di-n-octyl phthalate	14.651	149	639987	72.522	ng		99
87) Indeno(1,2,3-cd)pyrene	17.057	276	825305	64.879	ng		98
88) Benzo(b)fluoranthene	15.110	252	706423	59.238	ng		99
89) Benzo(k)fluoranthene	15.139	252	628907	56.994	ng		98
90) Benzo(a)pyrene	15.486	252	650939	62.951	ng		98
91) Dibenzo(a,h)anthracene	17.074	278	672428	65.726	ng		98
92) Benzo(g,h,i)perylene	17.509	276	663809	64.883	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143990.D
Acq On : 17 Oct 2025 17:45
Operator : RC/JU
Sample : Q3352-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 17 18:04:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025