Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
Data File : BF144232.D
Acq On : 12 Nov 2025 16:51
Operator : RC/JU
Sample : PB170323BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 10:39:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	47907	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	192789	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	104300	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	179114	20.000	ng	0.00
76) Chrysene-d12	14.051	240	92727	20.000	ng	0.00
86) Perylene-d12	15.527	264	106133	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	354831	115.905	ng	0.01
7) Phenol-d6	6.504	99	408096	117.647	ng	0.00
23) Nitrobenzene-d5	7.434	82	266528	79.845	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	147857	112.968	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	533374	75.528	ng	0.00
79) Terphenyl-d14	12.986	244	534919	91.631	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	51148	40.412	ng	96
3) Pyridine	3.493	79	147819	41.862	ng	99
4) n-Nitrosodimethylamine	3.440	42	90014	48.803	ng	94
6) Aniline	6.534	93	173126	35.030	ng	94
8) 2-Chlorophenol	6.657	128	133818	44.572	ng	98
9) Benzaldehyde	6.422	77	68314	34.876	ng	99
10) Phenol	6.522	94	181171	42.748	ng	84
11) bis(2-Chloroethyl)ether	6.604	93	146740	47.517	ng	96
12) 1,3-Dichlorobenzene	6.810	146	156437	42.227	ng	100
13) 1,4-Dichlorobenzene	6.887	146	159248	42.906	ng	99
14) 1,2-Dichlorobenzene	7.039	146	155487	43.707	ng	98
15) Benzyl Alcohol	7.010	79	130011	47.333	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	297747	52.356	ng	98
17) 2-Methylphenol	7.122	107	107892	45.173	ng	96
18) Hexachloroethane	7.381	117	52541	42.609	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	100988	44.224	ng	94
20) 3+4-Methylphenols	7.275	107	118122	41.954	ng	97
22) Acetophenone	7.281	105	185250	44.792	ng	96
24) Nitrobenzene	7.451	77	156966	43.309	ng	99
25) Isophorone	7.692	82	285699	45.249	ng	99
26) 2-Nitrophenol	7.769	139	79049	44.060	ng	96
27) 2,4-Dimethylphenol	7.804	122	129272	48.073	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	177575	45.037	ng	97
29) 2,4-Dichlorophenol	8.010	162	126258	40.737	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	133667	42.000	ng	99
31) Naphthalene	8.175	128	375705	40.968	ng	99
32) Benzoic acid	7.939	122	97541	49.485	ng	93
33) 4-Chloroaniline	8.222	127	88116	26.345	ng	98
34) Hexachlorobutadiene	8.286	225	91590	38.186	ng	97
35) Caprolactam	8.598	113	43868m	51.663	ng	
36) 4-Chloro-3-methylphenol	8.704	107	120896	43.524	ng	98
37) 2-Methylnaphthalene	8.863	142	233804	38.131	ng	98
38) 1-Methylnaphthalene	8.963	142	235362	39.782	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	146442	42.841	ng	98
41) Hexachlorocyclopentadiene	9.016	237	105688	79.395	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	100305	43.114	ng	100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
Data File : BF144232.D
Acq On : 12 Nov 2025 16:51
Operator : RC/JU
Sample : PB170323BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 10:39:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	104835	41.809	ng		98
46) 1,1'-Biphenyl	9.328	154	332486	45.668	ng		99
47) 2-Chloronaphthalene	9.357	162	260690	41.977	ng		99
48) 2-Nitroaniline	9.451	65	85459	47.692	ng		99
49) Acenaphthylene	9.775	152	397570	46.978	ng		99
50) Dimethylphthalate	9.633	163	311681	45.108	ng		99
51) 2,6-Dinitrotoluene	9.698	165	67663	48.374	ng		96
52) Acenaphthene	9.945	154	225001	39.758	ng		99
53) 3-Nitroaniline	9.869	138	54746	35.804	ng		99
54) 2,4-Dinitrophenol	9.980	184	68602	81.221	ng		96
55) Dibenzofuran	10.116	168	324889	40.990	ng		100
56) 4-Nitrophenol	10.033	139	94585	85.516	ng		98
57) 2,4-Dinitrotoluene	10.104	165	89444	47.767	ng		96
58) Fluorene	10.463	166	256278	42.527	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	79416	44.765	ng		98
60) Diethylphthalate	10.333	149	287534	45.141	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	137769	40.134	ng		99
62) 4-Nitroaniline	10.486	138	67761	46.535	ng		92
63) Azobenzene	10.610	77	283712	47.859	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	51151	42.038	ng		98
66) n-Nitrosodiphenylamine	10.569	169	255483	44.349	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	95107	41.600	ng		95
68) Hexachlorobenzene	11.010	284	110929	41.194	ng		99
69) Atrazine	11.098	200	84004	45.852	ng		98
70) Pentachlorophenol	11.210	266	118302	88.223	ng		98
71) Phenanthrene	11.427	178	376843	42.257	ng		100
72) Anthracene	11.480	178	383127	42.251	ng		99
73) Carbazole	11.633	167	331413	42.981	ng		99
74) Di-n-butylphthalate	11.957	149	424757	45.568	ng		100
75) Fluoranthene	12.616	202	370847	40.256	ng		98
77) Benzidine	12.739	184	75217	27.423	ng		98
78) Pyrene	12.845	202	364875	48.803	ng		99
80) Butylbenzylphthalate	13.463	149	137159	52.931	ng		99
81) Benzo(a)anthracene	14.039	228	290933	45.270	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	80899	36.724	ng		98
83) Chrysene	14.074	228	263491	44.414	ng		97
84) Bis(2-ethylhexyl)phtha...	14.021	149	177351	49.996	ng		98
85) Di-n-octyl phthalate	14.633	149	274123	44.790	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	348356	45.724	ng	#	96
88) Benzo(b)fluoranthene	15.098	252	298579m	49.484	ng		
89) Benzo(k)fluoranthene	15.127	252	276301	48.923	ng		98
90) Benzo(a)pyrene	15.468	252	280147	50.327	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	283279	46.298	ng		98
92) Benzo(g,h,i)perylene	17.486	276	280300	46.390	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
Data File : BF144232.D
Acq On : 12 Nov 2025 16:51
Operator : RC/JU
Sample : PB170323BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 10:39:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170323BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025