Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143740.D
Acq On : 12 Sep 2025 18:38
Operator : RC/JU
Sample : Q3072-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

Quant Time: Sep 12 18:58:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	27181	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	89978	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	43028	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	69400	20.000	ng		0.01
76) Chrysene-d12	14.063	240	75216	20.000	ng		0.02
86) Perylene-d12	15.539	264	75413	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	184426	115.764	ng		0.02
7) Phenol-d6	6.516	99	201645	103.952	ng		0.01
23) Nitrobenzene-d5	7.457	82	132072	91.300	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	57383	132.333	ng		0.01
45) 2-Fluorobiphenyl	9.251	172	269707	94.688	ng		0.00
79) Terphenyl-d14	13.004	244	226944	48.895	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	31314	44.064	ng	#	85
3) Pyridine	3.557	79	67510	36.775	ng		96
4) n-Nitrosodimethylamine	3.499	42	30747	44.093	ng		96
6) Aniline	6.557	93	27830	10.832	ng		96
8) 2-Chlorophenol	6.681	128	70668	41.071	ng		94
9) Benzaldehyde	6.446	77	36775	23.497	ng		97
10) Phenol	6.528	94	79094	36.887	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	69770	43.567	ng		96
12) 1,3-Dichlorobenzene	6.840	146	85795	43.599	ng		100
13) 1,4-Dichlorobenzene	6.916	146	88266	44.439	ng		98
14) 1,2-Dichlorobenzene	7.063	146	83259	44.390	ng		99
15) Benzyl Alcohol	7.034	79	59471	42.147	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	79531	37.959	ng		96
17) 2-Methylphenol	7.140	107	56308	40.681	ng		98
18) Hexachloroethane	7.410	117	26370	41.100	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	48430	40.651	ng		99
20) 3+4-Methylphenols	7.293	107	69774	38.281	ng	#	83
22) Acetophenone	7.298	105	109895	54.078	ng		98
24) Nitrobenzene	7.475	77	69432	46.290	ng		95
25) Isophorone	7.710	82	126454	45.588	ng		99
26) 2-Nitrophenol	7.787	139	35124	47.627	ng		97
27) 2,4-Dimethylphenol	7.822	122	62817	47.447	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	80629	47.299	ng		100
29) 2,4-Dichlorophenol	8.028	162	57240	42.980	ng		100
30) 1,2,4-Trichlorobenzene	8.116	180	67250	48.742	ng		100
31) Naphthalene	8.198	128	203519	45.691	ng		100
32) Benzoic acid	7.898	122	27554m	34.113	ng		
33) 4-Chloroaniline	8.240	127	13081	8.436	ng		99
34) Hexachlorobutadiene	8.316	225	40786	45.322	ng		98
35) Caprolactam	8.598	113	13986	39.458	ng		91
36) 4-Chloro-3-methylphenol	8.722	107	53688	40.885	ng		97
37) 2-Methylnaphthalene	8.887	142	121539	39.861	ng		100
38) 1-Methylnaphthalene	8.987	142	124707	42.618	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	70266	57.042	ng		99
41) Hexachlorocyclopentadiene	9.039	237	53537	84.655	ng		96
43) 2,4,6-Trichlorophenol	9.163	196	40165	48.830	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143740.D
Acq On : 12 Sep 2025 18:38
Operator : RC/JU
Sample : Q3072-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 12 18:58:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	40932	48.950	ng		97
46) 1,1'-Biphenyl	9.351	154	176381	56.940	ng		99
47) 2-Chloronaphthalene	9.375	162	120407	49.582	ng		99
48) 2-Nitroaniline	9.469	65	32876	51.156	ng		97
49) Acenaphthylene	9.792	152	193421	55.603	ng		100
50) Dimethylphthalate	9.651	163	140134	50.056	ng		100
51) 2,6-Dinitrotoluene	9.710	165	28753	53.717	ng		96
52) Acenaphthene	9.969	154	111856	46.664	ng		99
53) 3-Nitroaniline	9.875	138	14685	25.493	ng		100
54) 2,4-Dinitrophenol	9.981	184	5498	23.352	ng	#	1
55) Dibenzofuran	10.139	168	166657	48.350	ng		98
56) 4-Nitrophenol	10.028	139	35588	77.657	ng		99
57) 2,4-Dinitrotoluene	10.116	165	38766	53.214	ng		93
58) Fluorene	10.481	166	131696	48.810	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	30796	45.419	ng		97
60) Diethylphthalate	10.351	149	130812	49.771	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	64673	47.262	ng		100
62) 4-Nitroaniline	10.492	138	27391	50.206	ng		97
63) Azobenzene	10.633	77	112727	48.515	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	5131	14.521	ng		95
66) n-Nitrosodiphenylamine	10.592	169	112533	49.497	ng		98
67) 4-Bromophenyl-phenylether	10.963	248	39386	47.062	ng		98
68) Hexachlorobenzene	11.028	284	40615	45.961	ng		97
69) Atrazine	11.116	200	36239	50.836	ng		99
70) Pentachlorophenol	11.222	266	33654	63.000	ng		96
71) Phenanthrene	11.445	178	183792	48.065	ng		100
72) Anthracene	11.498	178	191035	49.685	ng		99
73) Carbazole	11.651	167	171039	54.318	ng		100
74) Di-n-butylphthalate	11.980	149	204137	53.848	ng		99
75) Fluoranthene	12.633	202	208180	59.305	ng		99
77) Benzidine	12.751	184	35978	14.668	ng		98
78) Pyrene	12.863	202	212461	35.329	ng		100
80) Butylbenzylphthalate	13.480	149	92294	48.982	ng		99
81) Benzo(a)anthracene	14.051	228	229942	47.519	ng		98
82) 3,3'-Dichlorobenzidine	14.016	252	32724	21.982	ng		99
83) Chrysene	14.092	228	216996	48.963	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	136918	50.928	ng		98
85) Di-n-octyl phthalate	14.657	149	249404	51.768	ng		99
87) Indeno(1,2,3-cd)pyrene	17.039	276	176102	34.216	ng		99
88) Benzo(b)fluoranthene	15.110	252	224051	49.909	ng		99
89) Benzo(k)fluoranthene	15.139	252	222269	54.861	ng		99
90) Benzo(a)pyrene	15.480	252	200277	50.782	ng		100
91) Dibenzo(a,h)anthracene	17.057	278	148976	34.888	ng		98
92) Benzo(g,h,i)perylene	17.492	276	130099	32.573	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143740.D
Acq On : 12 Sep 2025 18:38
Operator : RC/JU
Sample : Q3072-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 12 18:58:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025