Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143735.D
Acq On : 12 Sep 2025 16:11
Operator : RC/JU
Sample : Q3082-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-31MSD

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

Quant Time: Sep 12 16:32:16 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	34051	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	118248	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	59761	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	88100	20.000	ng	0.01
76) Chrysene-d12	14.069	240	81490	20.000	ng	0.02
86) Perylene-d12	15.551	264	82113	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	174856	87.612	ng	0.02
7) Phenol-d6	6.516	99	217787	89.622	ng	0.01
23) Nitrobenzene-d5	7.457	82	132509	69.702	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	51913	86.197	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	253926	64.186	ng	0.00
79) Terphenyl-d14	13.004	244	222041	44.155	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	36591	41.101	ng	97
3) Pyridine	3.499	79	89305	38.833	ng	98
4) n-Nitrosodimethylamine	3.452	42	40326	46.162	ng	99
6) Aniline	6.557	93	95964	29.816	ng	96
8) 2-Chlorophenol	6.681	128	94799	43.980	ng	95
9) Benzaldehyde	6.446	77	61668	31.453	ng	99
10) Phenol	6.534	94	119080	44.330	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	88742	44.234	ng	97
12) 1,3-Dichlorobenzene	6.840	146	107689	43.684	ng	97
13) 1,4-Dichlorobenzene	6.916	146	111227	44.701	ng	99
14) 1,2-Dichlorobenzene	7.063	146	105285	44.808	ng	99
15) Benzyl Alcohol	7.034	79	78661	44.500	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	102330	38.987	ng	96
17) 2-Methylphenol	7.140	107	74803	43.140	ng	99
18) Hexachloroethane	7.410	117	34282	42.651	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	64513	43.226	ng	98
20) 3+4-Methylphenols	7.293	107	98715	43.232	ng	91
22) Acetophenone	7.304	105	142789	53.466	ng	98
24) Nitrobenzene	7.475	77	93820	47.595	ng	97
25) Isophorone	7.716	82	166086	45.561	ng	98
26) 2-Nitrophenol	7.792	139	48248	49.782	ng	96
27) 2,4-Dimethylphenol	7.822	122	86173	49.528	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	104485	46.640	ng	98
29) 2,4-Dichlorophenol	8.028	162	78577	44.896	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	85937	47.395	ng	99
31) Naphthalene	8.198	128	268081	45.797	ng	99
32) Benzoic acid	7.928	122	55493	52.278	ng	97
33) 4-Chloroaniline	8.245	127	37710	18.505	ng	99
34) Hexachlorobutadiene	8.316	225	53949	45.616	ng	99
35) Caprolactam	8.610	113	21506	46.168	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	73059	42.336	ng	94
37) 2-Methylnaphthalene	8.892	142	161109	40.206	ng	99
38) 1-Methylnaphthalene	8.992	142	163235	42.448	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	91103	53.250	ng	99
41) Hexachlorocyclopentadiene	9.045	237	74537	84.860	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	52641	46.078	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143735.D
Acq On : 12 Sep 2025 16:11
Operator : RC/JU
Sample : Q3082-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-31MSD

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

Quant Time: Sep 12 16:32:16 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)
44) 2,4,5-Trichlorophenol	9.204	196	54979	47.339	ng		97
46) 1,1'-Biphenyl	9.357	154	232703	54.088	ng		100
47) 2-Chloronaphthalene	9.381	162	159102	47.172	ng		98
48) 2-Nitroaniline	9.469	65	43595	48.842	ng		99
49) Acenaphthylene	9.798	152	261125	54.048	ng		99
50) Dimethylphthalate	9.651	163	187436	48.206	ng		99
51) 2,6-Dinitrotoluene	9.716	165	38844	52.250	ng		92
52) Acenaphthene	9.969	154	154721	46.473	ng		99
53) 3-Nitroaniline	9.881	138	28012	35.013	ng		98
54) 2,4-Dinitrophenol	9.986	184	15893	42.554	ng	#	69
55) Dibenzofuran	10.139	168	225289	47.060	ng		98
56) 4-Nitrophenol	10.034	139	60532	95.103	ng		96
57) 2,4-Dinitrotoluene	10.116	165	49742	49.162	ng		98
58) Fluorene	10.481	166	175220	46.757	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	43273m	45.951	ng		
60) Diethylphthalate	10.357	149	172387	47.224	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	86631	45.582	ng		99
62) 4-Nitroaniline	10.492	138	31914	42.118	ng		99
63) Azobenzene	10.633	77	159943	49.562	ng		97
65) 4,6-Dinitro-2-methylph...	10.522	198	11452	25.531	ng		97
66) n-Nitrosodiphenylamine	10.592	169	146336	50.703	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	50640	47.665	ng		98
68) Hexachlorobenzene	11.028	284	51645	46.038	ng		95
69) Atrazine	11.116	200	45597	50.387	ng		99
70) Pentachlorophenol	11.222	266	69492	102.476	ng		99
71) Phenanthrene	11.445	178	301520	62.116	ng		99
72) Anthracene	11.498	178	252719	51.777	ng		99
73) Carbazole	11.651	167	205181	51.330	ng		99
74) Di-n-butylphthalate	11.980	149	249221	51.786	ng		99
75) Fluoranthene	12.639	202	333587	74.859	ng		99
77) Benzidine	12.757	184	90033	33.880	ng		99
78) Pyrene	12.869	202	339561	52.116	ng		99
80) Butylbenzylphthalate	13.486	149	99885	48.929	ng		99
81) Benzo(a)anthracene	14.057	228	309910	59.114	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	67079	41.590	ng		99
83) Chrysene	14.092	228	271449	56.534	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	143858	49.390	ng		99
85) Di-n-octyl phthalate	14.657	149	260701	49.947	ng		100
87) Indeno(1,2,3-cd)pyrene	17.051	276	209866	37.449	ng		99
88) Benzo(b)fluoranthene	15.116	252	293398	60.024	ng		98
89) Benzo(k)fluoranthene	15.145	252	262830m	59.579	ng		
90) Benzo(a)pyrene	15.486	252	255488	59.495	ng		99
91) Dibenzo(a,h)anthracene	17.068	278	163144	35.089	ng		99
92) Benzo(g,h,i)perylene	17.504	276	159122	36.588	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 : BF143735.D
Acq On : 12 Sep 2025 16:11
Operator : RC/JU
Sample : Q3082-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 12 16:32:16 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 :
WC-31MSD

Manual Integrations APPROVED

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