Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142535.D
Acq On : 23 May 2025 15:07
Operator : RC/JU
Sample : Q2097-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

Quant Time: May 23 15:40:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	110068	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	419996	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	219379	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	343496	20.000	ng	0.00
76) Chrysene-d12	14.068	240	198698	20.000	ng	0.00
86) Perylene-d12	15.562	264	216151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	543529	83.195	ng	0.00
7) Phenol-d6	6.522	99	674801	85.805	ng	-0.01
23) Nitrobenzene-d5	7.457	82	402460	52.252	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	217096	89.163	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	845833	51.737	ng	-0.01
79) Terphenyl-d14	13.010	244	732883	50.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	93442	35.742	ng	99
3) Pyridine	3.499	79	256606	38.544	ng	98
4) n-Nitrosodimethylamine	3.451	42	143244	41.440	ng	94
6) Aniline	6.557	93	344545	32.583	ng	100
8) 2-Chlorophenol	6.681	128	299473	42.084	ng	99
9) Benzaldehyde	6.445	77	180135	38.082	ng	98
10) Phenol	6.534	94	373505	42.208	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	263673	41.394	ng	99
12) 1,3-Dichlorobenzene	6.840	146	318919	40.164	ng	99
13) 1,4-Dichlorobenzene	6.916	146	323908	40.496	ng	99
14) 1,2-Dichlorobenzene	7.069	146	313884	41.012	ng	99
15) Benzyl Alcohol	7.034	79	240046	41.303	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	437815	40.928	ng	100
17) 2-Methylphenol	7.145	107	231936	41.746	ng	99
18) Hexachloroethane	7.410	117	113182	40.524	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	191639	39.319	ng	98
20) 3+4-Methylphenols	7.298	107	290992	40.900	ng	96
22) Acetophenone	7.304	105	385053	41.415	ng	98
24) Nitrobenzene	7.481	77	289274	41.642	ng	100
25) Isophorone	7.716	82	527349	40.951	ng	99
26) 2-Nitrophenol	7.792	139	161790	43.587	ng	99
27) 2,4-Dimethylphenol	7.828	122	278705	42.577	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	328431	40.827	ng	99
29) 2,4-Dichlorophenol	8.034	162	249687	41.943	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	267217	41.361	ng	98
31) Naphthalene	8.204	128	858484	41.512	ng	100
32) Benzoic acid	7.945	122	187756	47.119	ng	98
33) 4-Chloroaniline	8.245	127	159218	19.000	ng	99
34) Hexachlorobutadiene	8.322	225	165421	41.006	ng	99
35) Caprolactam	8.616	113	79488m	47.542	ng	
36) 4-Chloro-3-methylphenol	8.728	107	258188	42.320	ng	100
37) 2-Methylnaphthalene	8.892	142	525947	40.425	ng	99
38) 1-Methylnaphthalene	8.992	142	546081	40.577	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	263980	41.919	ng	98
41) Hexachlorocyclopentadiene	9.045	237	359792	84.693	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	180364	42.474	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142535.D
Acq On : 23 May 2025 15:07
Operator : RC/JU
Sample : Q2097-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

Quant Time: May 23 15:40:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	194931	43.526	ng	99
46) 1,1'-Biphenyl	9.357	154	720742	42.347	ng	99
47) 2-Chloronaphthalene	9.386	162	526527	41.871	ng	98
48) 2-Nitroaniline	9.475	65	159351	43.842	ng	99
49) Acenaphthylene	9.798	152	884649	41.663	ng	100
50) Dimethylphthalate	9.657	163	621894	42.962	ng	100
51) 2,6-Dinitrotoluene	9.722	165	136260	43.614	ng	97
52) Acenaphthene	9.975	154	596010	45.968	ng	98
53) 3-Nitroaniline	9.886	138	101615	29.778	ng	97
54) 2,4-Dinitrophenol	9.998	184	161194	99.866	ng	93
55) Dibenzofuran	10.145	168	772348	41.395	ng	100
56) 4-Nitrophenol	10.045	139	232210	92.226	ng	98
57) 2,4-Dinitrotoluene	10.122	165	186323	45.666	ng	99
58) Fluorene	10.486	166	584961	40.582	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	156186m	41.775	ng	
60) Diethylphthalate	10.363	149	602922	42.647	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	283167	39.990	ng	99
62) 4-Nitroaniline	10.504	138	135463	43.770	ng	99
63) Azobenzene	10.639	77	602872	47.478	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	99910	52.119	ng	97
66) n-Nitrosodiphenylamine	10.598	169	514992	43.823	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	172489	42.468	ng	98
68) Hexachlorobenzene	11.039	284	188464	41.953	ng	99
69) Atrazine	11.127	200	155387	49.789	ng	98
70) Pentachlorophenol	11.233	266	224219	88.406	ng	100
71) Phenanthrene	11.457	178	772583	42.086	ng	99
72) Anthracene	11.504	178	788285	42.076	ng	99
73) Carbazole	11.657	167	699831	43.695	ng	98
74) Di-n-butylphthalate	11.986	149	818130	46.667	ng	99
75) Fluoranthene	12.645	202	748813	43.655	ng	99
77) Benzidine	12.763	184	361186	48.848	ng	99
78) Pyrene	12.874	202	738637	39.849	ng	100
80) Butylbenzylphthalate	13.486	149	265770	51.891	ng	100
81) Benzo(a)anthracene	14.057	228	585521	44.130	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	97220	24.158	ng	100
83) Chrysene	14.098	228	489364	41.046	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	327239	49.910	ng	99
85) Di-n-octyl phthalate	14.657	149	526860	41.096	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	667942	41.162	ng	99
88) Benzo(b)fluoranthene	15.121	252	512777	40.083	ng	98
89) Benzo(k)fluoranthene	15.151	252	528247	44.087	ng	99
90) Benzo(a)pyrene	15.498	252	517897	42.949	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	543744	41.314	ng	99
92) Benzo(g,h,i)perylene	17.533	276	546081	41.483	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142535.D
Acq On : 23 May 2025 15:07
Operator : RC/JU
Sample : Q2097-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 23 15:40:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RBR200044MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025