Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143680.D
Acq On : 09 Sep 2025 11:08
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 09 15:25:57 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 :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	47169	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	183638	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	104252	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	165335	20.000	ng	0.00
76) Chrysene-d12	14.045	240	108683	20.000	ng	0.00
86) Perylene-d12	15.516	264	113725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	231423	83.708	ng	0.00
7) Phenol-d6	6.504	99	277083	82.312	ng	0.00
23) Nitrobenzene-d5	7.451	82	242752	82.223	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	86787	82.605	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	556021	80.568	ng	0.00
79) Terphenyl-d14	12.992	244	509820	76.017	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	50533	40.976	ng	100
3) Pyridine	3.434	79	132038	41.447	ng	100
4) n-Nitrosodimethylamine	3.381	42	49229	40.681	ng	100
6) Aniline	6.551	93	182625	40.961	ng	100
8) 2-Chlorophenol	6.669	128	122875	41.151	ng	100
9) Benzaldehyde	6.440	77	116644	42.947	ng	100
10) Phenol	6.522	94	151461m	40.704	ng	
11) bis(2-Chloroethyl)ether	6.622	93	113344	40.784	ng	100
12) 1,3-Dichlorobenzene	6.834	146	141494	41.434	ng	100
13) 1,4-Dichlorobenzene	6.910	146	141426	41.031	ng	100
14) 1,2-Dichlorobenzene	7.063	146	133199	40.922	ng	100
15) Benzyl Alcohol	7.028	79	100930	41.219	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	151468	41.659	ng	100
17) 2-Methylphenol	7.134	107	98232	40.896	ng	100
18) Hexachloroethane	7.404	117	46442	41.711	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	84284	40.768	ng	100
20) 3+4-Methylphenols	7.287	107	132548	41.905	ng	100
22) Acetophenone	7.298	105	166474	40.139	ng	100
24) Nitrobenzene	7.469	77	125270	40.921	ng	100
25) Isophorone	7.710	82	229325	40.508	ng	100
26) 2-Nitrophenol	7.787	139	62466	41.502	ng	100
27) 2,4-Dimethylphenol	7.816	122	108371	40.107	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	140865	40.489	ng	100
29) 2,4-Dichlorophenol	8.022	162	112730	41.475	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	114331	40.602	ng	100
31) Naphthalene	8.193	128	367480	40.424	ng	100
32) Benzoic acid	7.910	122	70556m	42.800	ng	
33) 4-Chloroaniline	8.240	127	128117	40.483	ng	100
34) Hexachlorobutadiene	8.310	225	74998	40.834	ng	100
35) Caprolactam	8.604	113	29280	40.475	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	112361	41.926	ng	100
37) 2-Methylnaphthalene	8.881	142	249730	40.131	ng	100
38) 1-Methylnaphthalene	8.981	142	240789	40.320	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	120893	40.506	ng	100
41) Hexachlorocyclopentadiene	9.040	237	64250	41.931	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	83786	42.042	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	83964	41.443	ng	100
46) 1,1'-Biphenyl	9.345	154	308203	41.065	ng	100
47) 2-Chloronaphthalene	9.375	162	241460	41.038	ng	100
48) 2-Nitroaniline	9.463	65	64957	41.717	ng	100
49) Acenaphthylene	9.787	152	342828	40.676	ng	100
50) Dimethylphthalate	9.639	163	275767	40.656	ng	100
51) 2,6-Dinitrotoluene	9.704	165	54581	42.086	ng	100
52) Acenaphthene	9.957	154	236114	40.654	ng	100
53) 3-Nitroaniline	9.875	138	58440	41.873	ng	100
54) 2,4-Dinitrophenol	9.975	184	25316	39.342	ng	100
55) Dibenzofuran	10.128	168	336132	40.249	ng	100
56) 4-Nitrophenol	10.016	139	46445	41.829	ng	100
57) 2,4-Dinitrotoluene	10.104	165	74327	42.110	ng	100
58) Fluorene	10.475	166	267557	40.928	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	68379	41.623	ng	100
60) Diethylphthalate	10.345	149	259562	40.760	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	135281	40.803	ng	100
62) 4-Nitroaniline	10.486	138	55128	41.705	ng	100
63) Azobenzene	10.628	77	228960	40.670	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	35103	41.701	ng	100
66) n-Nitrosodiphenylamine	10.581	169	223544	41.272	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	84304	42.283	ng	100
68) Hexachlorobenzene	11.022	284	86656	41.162	ng	100
69) Atrazine	11.104	200	68140	40.123	ng	100
70) Pentachlorophenol	11.210	266	54265	42.640	ng	100
71) Phenanthrene	11.434	178	368361	40.436	ng	100
72) Anthracene	11.486	178	375041	40.944	ng	100
73) Carbazole	11.639	167	305808	40.765	ng	100
74) Di-n-butylphthalate	11.969	149	369098	40.868	ng	100
75) Fluoranthene	12.622	202	333725	39.906	ng	100
77) Benzidine	12.739	184	142412	40.182	ng	100
78) Pyrene	12.851	202	332356	38.247	ng	100
80) Butylbenzylphthalate	13.469	149	112482	41.314	ng	100
81) Benzo(a)anthracene	14.033	228	270771	38.726	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	88020	40.919	ng	100
83) Chrysene	14.075	228	257577	40.223	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	165062	42.490	ng	100
85) Di-n-octyl phthalate	14.639	149	290289	41.700	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	327534	42.200	ng	100
88) Benzo(b)fluoranthene	15.086	252	262466	38.770	ng	100
89) Benzo(k)fluoranthene	15.116	252	265883	43.517	ng	100
90) Benzo(a)pyrene	15.457	252	246850	41.505	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	269482	41.849	ng	100
92) Benzo(g,h,i)perylene	17.457	276	250547	41.597	ng	100

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

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