Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143683.D
Acq On : 09 Sep 2025 13:54
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 09 15:31:16 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 :
SSTDICC080

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	6.892	152	56382	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	213611	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	124115	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	187688	20.000	ng		0.00
76) Chrysene-d12	14.057	240	116895	20.000	ng		0.01
86) Perylene-d12	15.527	264	129691	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	518124	156.786	ng		0.00
7) Phenol-d6	6.516	99	624813	155.282	ng		0.01
23) Nitrobenzene-d5	7.463	82	559223	162.838	ng		0.01
42) 2,4,6-Tribromophenol	10.722	330	193329	154.564	ng		0.01
45) 2-Fluorobiphenyl	9.251	172	1179990	143.618	ng		0.00
79) Terphenyl-d14	12.998	244	1031371	142.979	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	113617	77.075	ng		99
3) Pyridine	3.440	79	302753	79.506	ng		98
4) n-Nitrosodimethylamine	3.410	42	116844	80.779	ng		94
6) Aniline	6.557	93	412609	77.423	ng		99
8) 2-Chlorophenol	6.675	128	283491	79.429	ng		100
9) Benzaldehyde	6.445	77	255985	78.850	ng		99
10) Phenol	6.534	94	346126m	77.819	ng		
11) bis(2-Chloroethyl)ether	6.634	93	257746	77.590	ng		97
12) 1,3-Dichlorobenzene	6.834	146	315159	77.209	ng		99
13) 1,4-Dichlorobenzene	6.910	146	314684	76.379	ng		100
14) 1,2-Dichlorobenzene	7.063	146	298298	76.670	ng		99
15) Benzyl Alcohol	7.034	79	230026	78.590	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	337215	77.591	ng		97
17) 2-Methylphenol	7.139	107	230006	80.110	ng		98
18) Hexachloroethane	7.404	117	105200	79.044	ng		98
19) n-Nitroso-di-n-propyla...	7.316	70	192814	78.023	ng		99
20) 3+4-Methylphenols	7.298	107	288678	76.353	ng		91
22) Acetophenone	7.304	105	371310	76.965	ng	#	93
24) Nitrobenzene	7.481	77	284138	79.794	ng		98
25) Isophorone	7.722	82	528121	80.197	ng		99
26) 2-Nitrophenol	7.792	139	150727	86.090	ng		99
27) 2,4-Dimethylphenol	7.822	122	245459	78.096	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	323002	79.814	ng		100
29) 2,4-Dichlorophenol	8.028	162	253340	80.128	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	256397	78.277	ng		99
31) Naphthalene	8.198	128	818642	77.417	ng		99
32) Benzoic acid	7.957	122	186144m	97.074	ng		
33) 4-Chloroaniline	8.245	127	284322	77.235	ng		99
34) Hexachlorobutadiene	8.316	225	167644	78.469	ng		99
35) Caprolactam	8.639	113	69698	82.827	ng		99
36) 4-Chloro-3-methylphenol	8.722	107	248979	79.866	ng		98
37) 2-Methylnaphthalene	8.886	142	552024	76.261	ng		99
38) 1-Methylnaphthalene	8.986	142	527838	75.984	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	271043	76.281	ng		100
41) Hexachlorocyclopentadiene	9.039	237	146134	80.108	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	189455	79.850	ng		98

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44) 2,4,5-Trichlorophenol	9.198	196	189631	78.619	ng		98
46) 1,1'-Biphenyl	9.357	154	666722	74.617	ng		100
47) 2-Chloronaphthalene	9.380	162	530685	75.759	ng		100
48) 2-Nitroaniline	9.469	65	152123	82.062	ng		96
49) Acenaphthylene	9.792	152	759223	75.664	ng		100
50) Dimethylphthalate	9.651	163	617247	76.436	ng		100
51) 2,6-Dinitrotoluene	9.716	165	128331	83.117	ng		97
52) Acenaphthene	9.969	154	526045	76.080	ng		99
53) 3-Nitroaniline	9.886	138	132242	79.589	ng		99
54) 2,4-Dinitrophenol	9.986	184	68283	82.053	ng	#	53
55) Dibenzofuran	10.139	168	732979	73.721	ng		99
56) 4-Nitrophenol	10.033	139	105333	79.683	ng		99
57) 2,4-Dinitrotoluene	10.116	165	174053	82.828	ng		98
58) Fluorene	10.480	166	567673	72.939	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	155147	79.326	ng		99
60) Diethylphthalate	10.357	149	575874	75.960	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	291237	73.784	ng		99
62) 4-Nitroaniline	10.504	138	126541	80.410	ng		100
63) Azobenzene	10.633	77	504293	75.241	ng		98
65) 4,6-Dinitro-2-methylph...	10.527	198	87568	91.637	ng		99
66) n-Nitrosodiphenylamine	10.592	169	484542	78.804	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	179680	79.387	ng		97
68) Hexachlorobenzene	11.027	284	191089	79.958	ng		98
69) Atrazine	11.116	200	149614	77.606	ng		99
70) Pentachlorophenol	11.216	266	123112	85.217	ng		99
71) Phenanthrene	11.445	178	783137	75.729	ng		99
72) Anthracene	11.498	178	788152	75.796	ng		99
73) Carbazole	11.645	167	649839	76.309	ng		100
74) Di-n-butylphthalate	11.974	149	798541	77.888	ng		99
75) Fluoranthene	12.627	202	695885	73.302	ng		99
77) Benzidine	12.745	184	242284	63.559	ng		100
78) Pyrene	12.857	202	697866	74.668	ng		99
80) Butylbenzylphthalate	13.474	149	249215	85.104	ng		99
81) Benzo(a)anthracene	14.045	228	595222	79.148	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	185097	80.004	ng		99
83) Chrysene	14.080	228	531262	77.133	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	361768	86.584	ng		99
85) Di-n-octyl phthalate	14.645	149	647392	86.465	ng		100
87) Indeno(1,2,3-cd)pyrene	17.033	276	709706	80.182	ng		100
88) Benzo(b)fluoranthene	15.098	252	621698	80.528	ng		99
89) Benzo(k)fluoranthene	15.127	252	507280	72.806	ng		99
90) Benzo(a)pyrene	15.468	252	528783	77.963	ng		100
91) Dibenzo(a,h)anthracene	17.056	278	585296	79.703	ng		99
92) Benzo(g,h,i)perylene	17.492	276	547026	79.639	ng		99

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

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