Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143878.D
Acq On : 06 Oct 2025 11:56
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 06 15:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	144072	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	561772	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	311297	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	536961	20.000	ng		0.00
76) Chrysene-d12	14.063	240	346764	20.000	ng		0.00
86) Perylene-d12	15.539	264	314616	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	389641	42.947	ng		0.00
7) Phenol-d6	6.498	99	461437	42.670	ng		-0.02
23) Nitrobenzene-d5	7.439	82	389584	42.133	ng		-0.02
42) 2,4,6-Tribromophenol	10.710	330	130577	42.114	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	831185	42.367	ng		-0.01
79) Terphenyl-d14	12.998	244	881486	43.445	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	86079	20.503	ng		97
3) Pyridine	3.410	79	251988	20.618	ng		99
4) n-Nitrosodimethylamine	3.346	42	128915	20.051	ng		96
6) Aniline	6.540	93	340202	20.994	ng		99
8) 2-Chlorophenol	6.663	128	183611	20.704	ng		99
9) Benzaldehyde	6.434	77	147781	17.715	ng		99
10) Phenol	6.510	94	272100m	21.046	ng		
11) bis(2-Chloroethyl)ether	6.616	93	211296	21.157	ng		100
12) 1,3-Dichlorobenzene	6.822	146	228938	21.566	ng		98
13) 1,4-Dichlorobenzene	6.898	146	225703	21.554	ng		99
14) 1,2-Dichlorobenzene	7.051	146	216196	21.555	ng		98
15) Benzyl Alcohol	7.016	79	164008	20.241	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	471598	20.745	ng		100
17) 2-Methylphenol	7.128	107	151099	20.616	ng		99
18) Hexachloroethane	7.398	117	74147	21.232	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	151838	20.512	ng		99
20) 3+4-Methylphenols	7.281	107	193273	22.753	ng	#	86
22) Acetophenone	7.287	105	259382	21.837	ng		100
24) Nitrobenzene	7.463	77	218497	21.279	ng		100
25) Isophorone	7.698	82	397606	20.393	ng		99
26) 2-Nitrophenol	7.781	139	91336	20.747	ng		96
27) 2,4-Dimethylphenol	7.810	122	163783	20.682	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	260252	21.131	ng		98
29) 2,4-Dichlorophenol	8.016	162	175934	21.328	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	172265	21.234	ng		98
31) Naphthalene	8.186	128	545971	21.365	ng		99
32) Benzoic acid	7.892	122	98172m	17.912	ng		
33) 4-Chloroaniline	8.233	127	200545	20.924	ng		98
34) Hexachlorobutadiene	8.304	225	118056	20.941	ng		98
35) Caprolactam	8.586	113	51159	19.505	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	162629	20.524	ng		97
37) 2-Methylnaphthalene	8.875	142	367401	21.583	ng		99
38) 1-Methylnaphthalene	8.975	142	353459	21.407	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	185181	21.523	ng		98
41) Hexachlorocyclopentadiene	9.033	237	67128	18.807	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	132747	21.116	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143043	21.532	ng		98
46) 1,1'-Biphenyl	9.339	154	450706	21.868	ng		100
47) 2-Chloronaphthalene	9.369	162	372531	21.679	ng		96
48) 2-Nitroaniline	9.457	65	115519	21.263	ng		98
49) Acenaphthylene	9.780	152	512980	21.234	ng		100
50) Dimethylphthalate	9.639	163	415359	21.011	ng		100
51) 2,6-Dinitrotoluene	9.698	165	76360	20.831	ng		96
52) Acenaphthene	9.957	154	341066	21.545	ng		99
53) 3-Nitroaniline	9.869	138	95127	21.194	ng		99
54) 2,4-Dinitrophenol	9.975	184	29199	18.734	ng	#	67
55) Dibenzofuran	10.128	168	489250	21.894	ng		98
56) 4-Nitrophenol	10.022	139	66930	19.694	ng		97
57) 2,4-Dinitrotoluene	10.104	165	106136	21.280	ng		99
58) Fluorene	10.469	166	365206	21.659	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	98138	20.869	ng		99
60) Diethylphthalate	10.339	149	396233	21.575	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	194875	21.860	ng		97
62) 4-Nitroaniline	10.480	138	88594	20.526	ng		98
63) Azobenzene	10.622	77	407261	21.218	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	49405	18.309	ng		100
66) n-Nitrosodiphenylamine	10.580	169	362217	21.484	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	123882	20.876	ng		98
68) Hexachlorobenzene	11.022	284	141316	20.570	ng		99
69) Atrazine	11.104	200	114492	22.405	ng		99
70) Pentachlorophenol	11.216	266	81624	20.687	ng		95
71) Phenanthrene	11.439	178	572157	21.979	ng		98
72) Anthracene	11.486	178	567724	21.588	ng		100
73) Carbazole	11.639	167	504282	21.651	ng		99
74) Di-n-butylphthalate	11.974	149	595140	22.047	ng		99
75) Fluoranthene	12.627	202	587348	21.843	ng		98
77) Benzidine	12.751	184	249358	20.710	ng		97
78) Pyrene	12.857	202	613300	21.215	ng		99
80) Butylbenzylphthalate	13.480	149	200832	21.391	ng		97
81) Benzo(a)anthracene	14.051	228	469566	20.693	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	139822	20.219	ng	#	96
83) Chrysene	14.086	228	439378	20.920	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	238132	21.041	ng		100
85) Di-n-octyl phthalate	14.657	149	349721	18.814	ng		100
87) Indeno(1,2,3-cd)pyrene	17.027	276	384441	19.942	ng		97
88) Benzo(b)fluoranthene	15.104	252	355882	19.692	ng		99
89) Benzo(k)fluoranthene	15.133	252	386399	23.106	ng		98
90) Benzo(a)pyrene	15.474	252	326291	20.822	ng		98
91) Dibenzo(a,h)anthracene	17.051	278	319216	20.589	ng		99
92) Benzo(g,h,i)perylene	17.480	276	309120	19.937	ng		98

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

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