Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144294.D
Acq On : 20 Nov 2025 14:54
Operator : RC/JU
Sample : PB170652BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 15:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170652BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	62374	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	246197	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	141980	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	227540	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	143230	20.000	ng		0.00
86) Perylene-d12	15.521	264	161054	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	455598	114.303	ng		0.00
7) Phenol-d6	6.498	99	526124	116.494	ng		0.00
23) Nitrobenzene-d5	7.428	82	330984	77.645	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	202619	113.723	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	732546	76.202	ng		0.00
79) Terphenyl-d14	12.980	244	679751	75.384	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	64576	39.187	ng		100
3) Pyridine	3.451	79	166149	36.140	ng		99
4) n-Nitrosodimethylamine	3.393	42	107382	44.716	ng		98
6) Aniline	6.528	93	205572	31.948	ng	#	90
8) 2-Chlorophenol	6.651	128	170318	43.572	ng		98
9) Benzaldehyde	6.416	77	61039	23.934	ng		99
10) Phenol	6.516	94	229187	41.534	ng		89
11) bis(2-Chloroethyl)ether	6.598	93	179256	44.583	ng		99
12) 1,3-Dichlorobenzene	6.804	146	198194	41.090	ng		99
13) 1,4-Dichlorobenzene	6.881	146	206381	42.708	ng		100
14) 1,2-Dichlorobenzene	7.034	146	202629	43.748	ng		97
15) Benzyl Alcohol	7.010	79	157270	43.977	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	329524	44.505	ng		100
17) 2-Methylphenol	7.122	107	137807	44.316	ng		99
18) Hexachloroethane	7.375	117	67159	41.832	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	127040	42.730	ng		94
20) 3+4-Methylphenols	7.275	107	154629	42.182	ng	#	88
22) Acetophenone	7.275	105	241839	45.790	ng		96
24) Nitrobenzene	7.445	77	192461	41.583	ng		100
25) Isophorone	7.686	82	352634	43.734	ng		98
26) 2-Nitrophenol	7.763	139	100185	43.727	ng		98
27) 2,4-Dimethylphenol	7.798	122	165705	48.254	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	219762	43.646	ng		97
29) 2,4-Dichlorophenol	8.004	162	164288	41.508	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	172610	42.471	ng		98
31) Naphthalene	8.169	128	480415	41.021	ng		100
32) Benzoic acid	7.934	122	136113	54.073	ng		95
33) 4-Chloroaniline	8.216	127	108833	25.480	ng		99
34) Hexachlorobutadiene	8.281	225	121314	39.606	ng		99
35) Caprolactam	8.586	113	49749m	45.879	ng		
36) 4-Chloro-3-methylphenol	8.704	107	158168	44.590	ng		99
37) 2-Methylnaphthalene	8.857	142	302469	38.629	ng		99
38) 1-Methylnaphthalene	8.957	142	305263	40.404	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	200583	43.107	ng		99
41) Hexachlorocyclopentadiene	9.010	237	137468	76.850	ng		95
43) 2,4,6-Trichlorophenol	9.139	196	131316	41.464	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	137392	40.252	ng	97
46) 1,1'-Biphenyl	9.322	154	441924	44.591	ng	99
47) 2-Chloronaphthalene	9.351	162	339272	40.132	ng	100
48) 2-Nitroaniline	9.451	65	105693	43.331	ng	93
49) Acenaphthylene	9.769	152	526854	45.732	ng	100
50) Dimethylphthalate	9.627	163	409781	43.566	ng	99
51) 2,6-Dinitrotoluene	9.692	165	87167	45.780	ng	97
52) Acenaphthene	9.939	154	292255	37.936	ng	97
53) 3-Nitroaniline	9.863	138	67579	32.468	ng	92
54) 2,4-Dinitrophenol	9.975	184	102093	88.794	ng	98
55) Dibenzofuran	10.110	168	439203	40.706	ng	99
56) 4-Nitrophenol	10.027	139	111351	73.956	ng	93
57) 2,4-Dinitrotoluene	10.098	165	113470	44.516	ng	97
58) Fluorene	10.457	166	341198	41.592	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	103545	42.877	ng	98
60) Diethylphthalate	10.327	149	379201	43.733	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	188134	40.261	ng	97
62) 4-Nitroaniline	10.475	138	76947	38.819	ng	98
63) Azobenzene	10.604	77	350397	43.421	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	69379	44.883	ng	98
66) n-Nitrosodiphenylamine	10.563	169	336413	45.969	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	127623	43.942	ng	98
68) Hexachlorobenzene	11.004	284	151729	44.353	ng	95
69) Atrazine	11.092	200	108180	46.481	ng	98
70) Pentachlorophenol	11.204	266	149378	87.689	ng	98
71) Phenanthrene	11.422	178	485489	42.854	ng	99
72) Anthracene	11.469	178	489461	42.490	ng	100
73) Carbazole	11.627	167	405763	41.423	ng	99
74) Di-n-butylphthalate	11.951	149	534760	45.159	ng	99
75) Fluoranthene	12.610	202	468147	40.003	ng	99
77) Benzidine	12.733	184	83173	19.632	ng	100
78) Pyrene	12.839	202	467640	40.494	ng	99
80) Butylbenzylphthalate	13.457	149	174061	43.487	ng	96
81) Benzo(a)anthracene	14.033	228	436153	43.936	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	119842	35.220	ng	98
83) Chrysene	14.068	228	397839	43.414	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	235548	42.989	ng	99
85) Di-n-octyl phthalate	14.627	149	418406	44.259	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	462565	40.010	ng	98
88) Benzo(b)fluoranthene	15.086	252	497365	54.320	ng	99
89) Benzo(k)fluoranthene	15.115	252	412357	48.115	ng	99
90) Benzo(a)pyrene	15.457	252	424368	50.239	ng	97
91) Dibenzo(a,h)anthracene	17.033	278	383984	41.356	ng	99
92) Benzo(g,h,i)perylene	17.474	276	361752	39.454	ng	100

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

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