Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143795.D
Acq On : 23 Sep 2025 13:59
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 23 17:06:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	113314	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	405913	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	195477	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	304940	20.000	ng	0.00
76) Chrysene-d12	14.057	240	365989	20.000	ng	0.00
86) Perylene-d12	15.539	264	525577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	602322	85.545	ng	0.00
7) Phenol-d6	6.504	99	690438	83.097	ng	0.00
23) Nitrobenzene-d5	7.445	82	573383	88.897	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	256232	91.848	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1056299	79.854	ng	0.00
79) Terphenyl-d14	12.998	244	1496108	80.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	144938	43.417	ng	100
3) Pyridine	3.399	79	390716	43.360	ng	100
4) n-Nitrosodimethylamine	3.340	42	192963	42.707	ng	100
6) Aniline	6.545	93	486101	41.561	ng	100
8) 2-Chlorophenol	6.669	128	302589	42.379	ng	100
9) Benzaldehyde	6.434	77	332514	47.119	ng	100
10) Phenol	6.516	94	396049m	42.282	ng	
11) bis(2-Chloroethyl)ether	6.616	93	309829	42.197	ng	100
12) 1,3-Dichlorobenzene	6.828	146	350005	42.220	ng	100
13) 1,4-Dichlorobenzene	6.904	146	348233	42.092	ng	100
14) 1,2-Dichlorobenzene	7.057	146	328481	41.922	ng	100
15) Benzyl Alcohol	7.022	79	246535	42.340	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	732266	42.058	ng	100
17) 2-Methylphenol	7.128	107	231425	41.866	ng	100
18) Hexachloroethane	7.398	117	123042	42.290	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	207240	39.992	ng	100
20) 3+4-Methylphenols	7.281	107	288081	42.795	ng	100
22) Acetophenone	7.292	105	375588	42.128	ng	100
24) Nitrobenzene	7.463	77	315613	42.939	ng	100
25) Isophorone	7.704	82	546218	42.269	ng	100
26) 2-Nitrophenol	7.781	139	120369	40.347	ng	100
27) 2,4-Dimethylphenol	7.810	122	246324	42.648	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	354402	42.213	ng	100
29) 2,4-Dichlorophenol	8.022	162	242031	42.587	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	250976	42.554	ng	100
31) Naphthalene	8.192	128	814068	41.894	ng	100
32) Benzoic acid	7.892	122	114033	40.921	ng	100
33) 4-Chloroaniline	8.233	127	288280	42.217	ng	100
34) Hexachlorobutadiene	8.310	225	188867	42.957	ng	100
35) Caprolactam	8.586	113	60592	41.712	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	224136	42.051	ng	100
37) 2-Methylnaphthalene	8.881	142	515616	41.614	ng	100
38) 1-Methylnaphthalene	8.981	142	496939	41.901	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	245432	41.605	ng	100
41) Hexachlorocyclopentadiene	9.033	237	163505	43.733	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	164818	44.620	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	165369	42.801	ng	100
46)	1,1'-Biphenyl	9.345	154	584522	41.309	ng	100
47)	2-Chloronaphthalene	9.369	162	474899	41.694	ng	100
48)	2-Nitroaniline	9.463	65	156231	45.383	ng	100
49)	Acenaphthylene	9.786	152	660923	42.150	ng	100
50)	Dimethylphthalate	9.639	163	502623	42.186	ng	100
51)	2,6-Dinitrotoluene	9.704	165	89151	45.543	ng	100
52)	Acenaphthene	9.957	154	433748	42.036	ng	100
53)	3-Nitroaniline	9.869	138	110739	46.671	ng	100
54)	2,4-Dinitrophenol	9.975	184	24685	41.301	ng	100
55)	Dibenzofuran	10.128	168	610393	41.833	ng	100
56)	4-Nitrophenol	10.016	139	81189	42.462	ng	100
57)	2,4-Dinitrotoluene	10.104	165	120114	41.745	ng	100
58)	Fluorene	10.475	166	448265	41.324	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.245	232	145681	44.013	ng	100
60)	Diethylphthalate	10.345	149	473302	42.438	ng	100
61)	4-Chlorophenyl-phenyle...	10.463	204	230643	41.729	ng	100
62)	4-Nitroaniline	10.480	138	103193	46.254	ng	100
63)	Azobenzene	10.627	77	499929	42.532	ng	100
65)	4,6-Dinitro-2-methylph...	10.510	198	42447	40.163	ng	100
66)	n-Nitrosodiphenylamine	10.580	169	416100	41.492	ng	100
67)	4-Bromophenyl-phenylether	10.957	248	219921	42.319	ng	100
68)	Hexachlorobenzene	11.022	284	300364	41.941	ng	100
69)	Atrazine	11.104	200	128423	44.222	ng	100
70)	Pentachlorophenol	11.210	266	156073	43.781	ng	100
71)	Phenanthrene	11.439	178	660040	42.160	ng	100
72)	Anthracene	11.486	178	660736	42.075	ng	100
73)	Carbazole	11.639	167	595454	43.368	ng	100
74)	Di-n-butylphthalate	11.974	149	705755	44.694	ng	100
75)	Fluoranthene	12.627	202	697899	44.322	ng	100
77)	Benzidine	12.751	184	374182	41.956	ng	100
78)	Pyrene	12.857	202	735401	40.870	ng	100
80)	Butylbenzylphthalate	13.474	149	286527	46.027	ng	100
81)	Benzo(a)anthracene	14.045	228	840188	42.732	ng	100
82)	3,3'-Dichlorobenzidine	14.010	252	363730	42.702	ng	100
83)	Chrysene	14.086	228	744962	41.873	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.039	149	408417	44.759	ng	100
85)	Di-n-octyl phthalate	14.651	149	741702	44.811	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.033	276	1690390	42.389	ng	100
88)	Benzo(b)fluoranthene	15.104	252	1160651	43.365	ng	100
89)	Benzo(k)fluoranthene	15.133	252	1144789	42.573	ng	100
90)	Benzo(a)pyrene	15.474	252	1079512	42.908	ng	100
91)	Dibenzo(a,h)anthracene	17.051	278	1399884	42.920	ng	100
92)	Benzo(g,h,i)perylene	17.486	276	1344334	42.757	ng	100

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

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