Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090525\
Data File : BF143650.D
Acq On : 05 Sep 2025 09:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 05 12:05:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 03 18:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	59176	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	227983	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	134300	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	215097	20.000	ng		0.00
76) Chrysene-d12	14.051	240	135681	20.000	ng		0.00
86) Perylene-d12	15.521	264	134145	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	255652	76.535	ng		0.00
7) Phenol-d6	6.504	99	310623	74.924	ng		0.00
23) Nitrobenzene-d5	7.451	82	276153	85.134	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	97707	87.001	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	613014	72.925	ng		0.00
79) Terphenyl-d14	12.998	244	631118	77.504	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	55788	35.398	ng		99
3) Pyridine	3.422	79	150114	35.952	ng		96
4) n-Nitrosodimethylamine	3.369	42	58788	33.900	ng		89
6) Aniline	6.551	93	209693	36.337	ng		99
8) 2-Chlorophenol	6.669	128	138571	40.058	ng		99
9) Benzaldehyde	6.439	77	121623	39.484	ng		99
10) Phenol	6.522	94	172583	37.969	ng		95
11) bis(2-Chloroethyl)ether	6.622	93	128925	36.217	ng		98
12) 1,3-Dichlorobenzene	6.833	146	158724	37.179	ng		98
13) 1,4-Dichlorobenzene	6.910	146	158624	37.045	ng		99
14) 1,2-Dichlorobenzene	7.063	146	149532	36.899	ng		99
15) Benzyl Alcohol	7.028	79	116740	37.057	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	187802	33.520	ng		99
17) 2-Methylphenol	7.133	107	114403	37.824	ng		98
18) Hexachloroethane	7.404	117	52901	39.601	ng		97
19) n-Nitroso-di-n-propyla...	7.298	70	96905	36.705	ng		98
20) 3+4-Methylphenols	7.286	107	150318	39.481	ng		95
22) Acetophenone	7.298	105	188664	36.593	ng	#	94
24) Nitrobenzene	7.469	77	143536	41.385	ng		99
25) Isophorone	7.710	82	261700	35.802	ng		98
26) 2-Nitrophenol	7.786	139	68498	46.209	ng		95
27) 2,4-Dimethylphenol	7.816	122	123135	38.692	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	163473	36.582	ng		99
29) 2,4-Dichlorophenol	8.022	162	124581	39.893	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	126806	37.259	ng		98
31) Naphthalene	8.192	128	412856	37.023	ng		99
32) Benzoic acid	7.904	122	78038m	41.529	ng		
33) 4-Chloroaniline	8.239	127	146638	37.977	ng		98
34) Hexachlorobutadiene	8.310	225	83137	37.554	ng		98
35) Caprolactam	8.598	113	33849	40.446	ng		90
36) 4-Chloro-3-methylphenol	8.710	107	125263	38.305	ng		98
37) 2-Methylnaphthalene	8.886	142	277130	36.740	ng		99
38) 1-Methylnaphthalene	8.980	142	270684	37.535	ng		97
40) 1,2,4,5-Tetrachloroben...	9.051	216	135884	36.610	ng		99
41) Hexachlorocyclopentadiene	9.039	237	70787	39.274	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	92962	40.652	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	92538	39.197	ng		99
46) 1,1'-Biphenyl	9.345	154	347518	36.384	ng		99
47) 2-Chloronaphthalene	9.375	162	268309	35.895	ng		99
48) 2-Nitroaniline	9.463	65	76707	38.502	ng		96
49) Acenaphthylene	9.786	152	386722	35.899	ng		100
50) Dimethylphthalate	9.639	163	312946	36.800	ng		99
51) 2,6-Dinitrotoluene	9.704	165	62683	41.123	ng		98
52) Acenaphthene	9.963	154	265291	36.815	ng		99
53) 3-Nitroaniline	9.874	138	67394	39.862	ng		94
54) 2,4-Dinitrophenol	9.974	184	24970	45.662	ng	#	30
55) Dibenzofuran	10.133	168	382432	36.530	ng		98
56) 4-Nitrophenol	10.016	139	53708	42.596	ng		99
57) 2,4-Dinitrotoluene	10.104	165	84230	40.861	ng		97
58) Fluorene	10.474	166	298253	36.832	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	76935	42.910	ng		100
60) Diethylphthalate	10.345	149	304120	37.670	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	150629	37.278	ng		98
62) 4-Nitroaniline	10.486	138	65098	39.512	ng		97
63) Azobenzene	10.627	77	267205	35.112	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	38813	43.527	ng		95
66) n-Nitrosodiphenylamine	10.580	169	253082	36.453	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	92629	37.131	ng		98
68) Hexachlorobenzene	11.021	284	98068	37.424	ng		98
69) Atrazine	11.110	200	84238	40.585	ng		98
70) Pentachlorophenol	11.210	266	62946	42.762	ng		98
71) Phenanthrene	11.439	178	436618	37.539	ng		99
72) Anthracene	11.486	178	439388	37.666	ng		100
73) Carbazole	11.639	167	378457	38.490	ng		100
74) Di-n-butylphthalate	11.974	149	455292	41.240	ng		99
75) Fluoranthene	12.621	202	419560	39.277	ng		100
77) Benzidine	12.745	184	124799	40.203	ng		99
78) Pyrene	12.851	202	418885	37.414	ng		99
80) Butylbenzylphthalate	13.468	149	131554	37.647	ng		99
81) Benzo(a)anthracene	14.039	228	323072	36.762	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	93268	38.932	ng		98
83) Chrysene	14.074	228	294650	37.298	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	178116	36.314	ng		99
85) Di-n-octyl phthalate	14.645	149	299152	37.162	ng		97
87) Indeno(1,2,3-cd)pyrene	17.015	276	350871	37.520	ng		100
88) Benzo(b)fluoranthene	15.092	252	283317	35.055	ng		100
89) Benzo(k)fluoranthene	15.121	252	269791	38.599	ng		99
90) Benzo(a)pyrene	15.462	252	257238	37.027	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	292406	38.015	ng		100
92) Benzo(g,h,i)perylene	17.462	276	279076	37.664	ng		100

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

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