Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143802.D
Acq On : 25 Sep 2025 13:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 25 14:33:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	104582	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	347863	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	153714	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	230130	20.000	ng	0.00
76) Chrysene-d12	14.057	240	269656	20.000	ng	0.00
86) Perylene-d12	15.533	264	377788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	526177	81.743	ng	0.00
7) Phenol-d6	6.498	99	575748	77.411	ng	-0.01
23) Nitrobenzene-d5	7.445	82	478824	84.256	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	199120	87.487	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	856559	86.957	ng	0.00
79) Terphenyl-d14	12.998	244	1136138	85.688	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	137047	44.481	ng	99
3) Pyridine	3.399	79	347233	41.751	ng	97
4) n-Nitrosodimethylamine	3.340	42	161912	38.826	ng	94
6) Aniline	6.545	93	407371	37.738	ng	99
8) 2-Chlorophenol	6.669	128	263465	39.981	ng	98
9) Benzaldehyde	6.434	77	227579	34.942	ng	99
10) Phenol	6.516	94	325930m	37.701	ng	
11) bis(2-Chloroethyl)ether	6.616	93	259976	38.364	ng	99
12) 1,3-Dichlorobenzene	6.828	146	309941	40.509	ng	99
13) 1,4-Dichlorobenzene	6.904	146	305856	40.057	ng	100
14) 1,2-Dichlorobenzene	7.057	146	282473	39.060	ng	98
15) Benzyl Alcohol	7.022	79	200542	37.316	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	585866	36.459	ng	100
17) 2-Methylphenol	7.128	107	191056	37.449	ng	99
18) Hexachloroethane	7.398	117	108879	40.547	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	163589	34.204	ng	98
20) 3+4-Methylphenols	7.281	107	233199	37.534	ng	94
22) Acetophenone	7.292	105	308023	40.315	ng	97
24) Nitrobenzene	7.463	77	262670	41.699	ng	98
25) Isophorone	7.698	82	419359	37.868	ng	100
26) 2-Nitrophenol	7.781	139	101572	39.769	ng	97
27) 2,4-Dimethylphenol	7.810	122	192377	38.866	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	274539	38.157	ng	99
29) 2,4-Dichlorophenol	8.016	162	195253	40.090	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	210489	41.644	ng	100
31) Naphthalene	8.192	128	682488	40.984	ng	100
32) Benzoic acid	7.886	122	75542	31.632	ng	98
33) 4-Chloroaniline	8.234	127	226064	38.630	ng	100
34) Hexachlorobutadiene	8.310	225	157190	41.718	ng	99
35) Caprolactam	8.581	113	45615	36.642	ng	91
36) 4-Chloro-3-methylphenol	8.704	107	171987	37.652	ng	97
37) 2-Methylnaphthalene	8.881	142	414017	38.990	ng	99
38) 1-Methylnaphthalene	8.981	142	397377	39.098	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	201243	43.382	ng	99
41) Hexachlorocyclopentadiene	9.033	237	125390	42.650	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	128472	44.230	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	123986	40.809	ng		99
46)	1,1'-Biphenyl	9.345	154	468412	42.097	ng		99
47)	2-Chloronaphthalene	9.369	162	379129	42.329	ng		99
48)	2-Nitroaniline	9.457	65	119048	43.977	ng		95
49)	Acenaphthylene	9.786	152	516213	41.866	ng		100
50)	Dimethylphthalate	9.639	163	380041	40.564	ng		100
51)	2,6-Dinitrotoluene	9.698	165	66448	43.168	ng		93
52)	Acenaphthene	9.957	154	331958	40.912	ng		99
53)	3-Nitroaniline	9.869	138	82818	44.387	ng		100
54)	2,4-Dinitrophenol	9.975	184	16803	37.264	ng	#	77
55)	Dibenzofuran	10.128	168	480540	41.881	ng		99
56)	4-Nitrophenol	10.016	139	59642	39.668	ng		96
57)	2,4-Dinitrotoluene	10.104	165	87197	38.763	ng		98
58)	Fluorene	10.475	166	348262	40.828	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.245	232	112924	43.386	ng		97
60)	Diethylphthalate	10.339	149	348861	39.778	ng		99
61)	4-Chlorophenyl-phenyle...	10.463	204	176372	40.580	ng		100
62)	4-Nitroaniline	10.480	138	73202	41.725	ng		98
63)	Azobenzene	10.622	77	372680	40.321	ng		99
65)	4,6-Dinitro-2-methylph...	10.510	198	29506	37.701	ng		92
66)	n-Nitrosodiphenylamine	10.580	169	319987	42.280	ng		98
67)	4-Bromophenyl-phenylether	10.957	248	166753	42.519	ng		99
68)	Hexachlorobenzene	11.022	284	230854	42.714	ng		98
69)	Atrazine	11.104	200	91458	41.731	ng		97
70)	Pentachlorophenol	11.210	266	115094	42.781	ng		98
71)	Phenanthrene	11.433	178	501591	42.454	ng		99
72)	Anthracene	11.486	178	497611	41.988	ng		99
73)	Carbazole	11.639	167	443477	42.799	ng		100
74)	Di-n-butylphthalate	11.974	149	524645	44.025	ng		100
75)	Fluoranthene	12.627	202	513260	43.193	ng		99
77)	Benzidine	12.745	184	259270	39.457	ng		99
78)	Pyrene	12.857	202	544153	41.045	ng		99
80)	Butylbenzylphthalate	13.474	149	198621	43.304	ng		99
81)	Benzo(a)anthracene	14.045	228	589468	40.691	ng		99
82)	3,3'-Dichlorobenzidine	14.010	252	250642	39.938	ng		99
83)	Chrysene	14.080	228	555552	42.382	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.033	149	291258	43.322	ng		98
85)	Di-n-octyl phthalate	14.651	149	498026	40.838	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.027	276	1234638	43.072	ng		99
88)	Benzo(b)fluoranthene	15.098	252	784257	40.764	ng		99
89)	Benzo(k)fluoranthene	15.127	252	710770	36.773	ng		100
90)	Benzo(a)pyrene	15.468	252	759384	41.992	ng		100
91)	Dibenzo(a,h)anthracene	17.045	278	1014551	43.274	ng		99
92)	Benzo(g,h,i)perylene	17.474	276	972510	43.031	ng		100

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

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