Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143770.D
Acq On : 16 Sep 2025 12:50
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 16 16:06:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	6887	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	24636	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	13495	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	21528	20.000	ng		0.00
76) Chrysene-d12	14.063	240	13745	20.000	ng		-0.01
86) Perylene-d12	15.545	264	11715	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	17362	40.247	ng		-0.01
7) Phenol-d6	6.504	99	20368	40.426	ng		-0.02
23) Nitrobenzene-d5	7.451	82	17064	40.985	ng		-0.02
42) 2,4,6-Tribromophenol	10.722	330	5822	42.774	ng		-0.01
45) 2-Fluorobiphenyl	9.251	172	38580	39.356	ng		0.00
79) Terphenyl-d14	13.010	244	38620	43.761	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	4477	19.948	ng		93
3) Pyridine	3.434	79	10632	19.167	ng		89
4) n-Nitrosodimethylamine	3.375	42	3935	19.974	ng		97
6) Aniline	6.551	93	13613	20.670	ng		98
8) 2-Chlorophenol	6.675	128	9286	19.981	ng		98
9) Benzaldehyde	6.440	77	6256	20.111	ng		93
10) Phenol	6.522	94	11279m	20.123	ng		
11) bis(2-Chloroethyl)ether	6.622	93	8430	20.202	ng		98
12) 1,3-Dichlorobenzene	6.834	146	10046	19.417	ng		97
13) 1,4-Dichlorobenzene	6.910	146	10222	19.946	ng		94
14) 1,2-Dichlorobenzene	7.063	146	9815	20.356	ng		99
15) Benzyl Alcohol	7.028	79	7036	20.900	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	9302	20.014	ng		98
17) 2-Methylphenol	7.134	107	7148	20.529	ng		94
18) Hexachloroethane	7.404	117	3160	19.703	ng		90
19) n-Nitroso-di-n-propyla...	7.298	70	6021	20.571	ng		96
20) 3+4-Methylphenols	7.287	107	9559	20.857	ng		84
22) Acetophenone	7.298	105	12470	21.439	ng	#	98
24) Nitrobenzene	7.469	77	8824	20.901	ng		96
25) Isophorone	7.710	82	15737	20.869	ng		95
26) 2-Nitrophenol	7.787	139	4685	20.556	ng		94
27) 2,4-Dimethylphenol	7.816	122	7107	19.662	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	9665	20.563	ng		96
29) 2,4-Dichlorophenol	8.028	162	7169	20.201	ng		96
30) 1,2,4-Trichlorobenzene	8.116	180	8038	21.014	ng		92
31) Naphthalene	8.198	128	25585	20.332	ng		99
32) Benzoic acid	7.881	122	3168	21.924	ng	#	84
33) 4-Chloroaniline	8.239	127	8387	19.981	ng		93
34) Hexachlorobutadiene	8.316	225	5015	20.449	ng		93
35) Caprolactam	8.586	113	1879	21.972	ng		96
36) 4-Chloro-3-methylphenol	8.716	107	7525	21.450	ng		97
37) 2-Methylnaphthalene	8.886	142	16992	20.891	ng		98
38) 1-Methylnaphthalene	8.986	142	16457	20.728	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	8340	20.488	ng		96
41) Hexachlorocyclopentadiene	9.039	237	4025	18.095	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	5549	20.195	ng		97

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44)	2,4,5-Trichlorophenol	9.198	196	5389	19.632	ng		94
46)	1,1'-Biphenyl	9.351	154	20195	19.478	ng		99
47)	2-Chloronaphthalene	9.375	162	16050	19.888	ng		96
48)	2-Nitroaniline	9.469	65	4333	20.491	ng		93
49)	Acenaphthylene	9.792	152	23446	20.673	ng		95
50)	Dimethylphthalate	9.645	163	18464	20.817	ng		97
51)	2,6-Dinitrotoluene	9.710	165	3765	20.592	ng		95
52)	Acenaphthene	9.963	154	15583	20.502	ng		96
53)	3-Nitroaniline	9.875	138	4112	21.326	ng		99
54)	2,4-Dinitrophenol	9.980	184	1292	20.017	ng	#	77
55)	Dibenzofuran	10.133	168	22828	20.682	ng		97
56)	4-Nitrophenol	10.022	139	3122	21.379	ng		98
57)	2,4-Dinitrotoluene	10.110	165	5796	22.778	ng		93
58)	Fluorene	10.480	166	17615	20.411	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.251	232	4714	22.417	ng	#	94
60)	Diethylphthalate	10.351	149	17075	20.968	ng		96
61)	4-Chlorophenyl-phenyle...	10.475	204	8401	19.405	ng		93
62)	4-Nitroaniline	10.486	138	3963	21.516	ng		94
63)	Azobenzene	10.633	77	14747	20.521	ng		98
65)	4,6-Dinitro-2-methylph...	10.516	198	2511	20.818	ng		87
66)	n-Nitrosodiphenylamine	10.586	169	14776	19.667	ng		95
67)	4-Bromophenyl-phenylether	10.963	248	5465	20.547	ng		91
68)	Hexachlorobenzene	11.027	284	5800	20.495	ng		94
69)	Atrazine	11.116	200	4914	22.022	ng		96
70)	Pentachlorophenol	11.222	266	3074	19.674	ng		93
71)	Phenanthrene	11.445	178	25567	20.606	ng		99
72)	Anthracene	11.498	178	26503	20.947	ng		100
73)	Carbazole	11.651	167	21380	20.731	ng		99
74)	Di-n-butylphthalate	11.980	149	26880	21.455	ng		99
75)	Fluoranthene	12.633	202	24642	21.527	ng		99
77)	Benzidine	12.757	184	8369	19.684	ng		98
78)	Pyrene	12.863	202	24746	22.126	ng		97
80)	Butylbenzylphthalate	13.486	149	8148	21.078	ng		99
81)	Benzo(a)anthracene	14.057	228	18772	20.755	ng		99
82)	3,3'-Dichlorobenzidine	14.016	252	5000	19.324	ng	#	85
83)	Chrysene	14.092	228	16649	20.179	ng		96
84)	Bis(2-ethylhexyl)phtha...	14.045	149	9860	18.801	ng	#	99
85)	Di-n-octyl phthalate	14.663	149	15865	17.920	ng	#	98
87)	Indeno(1,2,3-cd)pyrene	17.045	276	14724	19.636	ng		97
88)	Benzo(b)fluoranthene	15.110	252	14632	20.172	ng		99
89)	Benzo(k)fluoranthene	15.139	252	11982	18.837	ng		99
90)	Benzo(a)pyrene	15.486	252	12124	19.395	ng		98
91)	Dibenzo(a,h)anthracene	17.062	278	11946	19.830	ng		97
92)	Benzo(g,h,i)perylene	17.498	276	11056	19.145	ng		95

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

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