Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143769.D
Acq On : 16 Sep 2025 12:21
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 16:06:05 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 :
SSTDICC010

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	5934	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	23178	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	11754	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	16437	20.000	ng		0.00
76) Chrysene-d12	14.063	240	11822	20.000	ng		-0.01
86) Perylene-d12	15.545	264	12046	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	7833	21.074	ng		-0.01
7) Phenol-d6	6.504	99	8859	20.407	ng		-0.02
23) Nitrobenzene-d5	7.445	82	7134	18.213	ng		-0.02
42) 2,4,6-Tribromophenol	10.716	330	1936	16.330	ng		-0.02
45) 2-Fluorobiphenyl	9.245	172	16067	18.818	ng		-0.01
79) Terphenyl-d14	13.004	244	13586	17.899	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	1804	9.329	ng		95
3) Pyridine	3.428	79	5068	10.604	ng		97
4) n-Nitrosodimethylamine	3.352	42	1569	9.243	ng	#	96
6) Aniline	6.551	93	5422	9.555	ng		99
8) 2-Chlorophenol	6.669	128	4415	11.025	ng		97
9) Benzaldehyde	6.440	77	3221	12.017	ng		93
10) Phenol	6.516	94	5055m	10.467	ng		
11) bis(2-Chloroethyl)ether	6.622	93	3738	10.396	ng		94
12) 1,3-Dichlorobenzene	6.834	146	4694	10.530	ng		99
13) 1,4-Dichlorobenzene	6.910	146	4603	10.424	ng		97
14) 1,2-Dichlorobenzene	7.063	146	4455	10.724	ng		97
15) Benzyl Alcohol	7.022	79	2660	9.170	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	4462	11.142	ng		99
17) 2-Methylphenol	7.134	107	3073	10.243	ng		95
18) Hexachloroethane	7.404	117	1338	9.682	ng		91
19) n-Nitroso-di-n-propyla...	7.292	70	2586	10.254	ng		93
20) 3+4-Methylphenols	7.281	107	3981	10.081	ng	#	84
22) Acetophenone	7.292	105	5072	9.268	ng	#	92
24) Nitrobenzene	7.469	77	3765	9.479	ng		97
25) Isophorone	7.704	82	6371	8.980	ng		99
26) 2-Nitrophenol	7.787	139	1992	9.290	ng		94
27) 2,4-Dimethylphenol	7.816	122	2920	8.587	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	4264	9.642	ng		98
29) 2,4-Dichlorophenol	8.022	162	3116	9.333	ng		95
30) 1,2,4-Trichlorobenzene	8.116	180	3554	9.876	ng		96
31) Naphthalene	8.192	128	11298	9.543	ng		99
32) Benzoic acid	7.881	122	505	9.409	ng	#	86
33) 4-Chloroaniline	8.239	127	3764	9.531	ng		98
34) Hexachlorobutadiene	8.316	225	1997	8.655	ng	#	89
35) Caprolactam	8.569	113	602	7.482	ng		89
36) 4-Chloro-3-methylphenol	8.710	107	3015	9.135	ng		97
37) 2-Methylnaphthalene	8.886	142	7157	9.353	ng		94
38) 1-Methylnaphthalene	8.986	142	6823	9.134	ng		94
40) 1,2,4,5-Tetrachloroben...	9.051	216	3312	9.341	ng		94
41) Hexachlorocyclopentadiene	9.039	237	1616	8.341	ng		94
43) 2,4,6-Trichlorophenol	9.157	196	2140	8.942	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	2164	9.051	ng		94
46) 1,1'-Biphenyl	9.351	154	8502	9.415	ng		99
47) 2-Chloronaphthalene	9.375	162	6633	9.437	ng		96
48) 2-Nitroaniline	9.463	65	1709	9.279	ng		88
49) Acenaphthylene	9.792	152	9110	9.222	ng		94
50) Dimethylphthalate	9.639	163	7128	9.227	ng		97
51) 2,6-Dinitrotoluene	9.704	165	1272	7.987	ng		93
52) Acenaphthene	9.963	154	5967	9.013	ng		92
53) 3-Nitroaniline	9.875	138	1361	8.104	ng	#	89
54) 2,4-Dinitrophenol	9.980	184	261	10.061	ng	#	79
55) Dibenzofuran	10.133	168	8886	9.243	ng		97
56) 4-Nitrophenol	10.022	139	855	6.722	ng		87
57) 2,4-Dinitrotoluene	10.104	165	1910	8.618	ng	#	96
58) Fluorene	10.480	166	6420	8.541	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.251	232	1622	8.856	ng	#	90
60) Diethylphthalate	10.345	149	6346	8.947	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	3467	9.194	ng		95
62) 4-Nitroaniline	10.480	138	1328	8.278	ng		96
63) Azobenzene	10.628	77	5465	8.731	ng		95
65) 4,6-Dinitro-2-methylph...	10.516	198	568	10.094	ng		88
66) n-Nitrosodiphenylamine	10.586	169	5795	10.102	ng		94
67) 4-Bromophenyl-phenylether	10.963	248	1964	9.671	ng	#	91
68) Hexachlorobenzene	11.027	284	2074	9.599	ng		97
69) Atrazine	11.110	200	1661	9.749	ng		93
70) Pentachlorophenol	11.222	266	776	6.505	ng	#	88
71) Phenanthrene	11.445	178	9247	9.761	ng		99
72) Anthracene	11.492	178	9213	9.537	ng		95
73) Carbazole	11.645	167	7324	9.301	ng		98
74) Di-n-butylphthalate	11.980	149	9091	9.504	ng		97
75) Fluoranthene	12.633	202	8662	9.911	ng		94
77) Benzidine	12.757	184	4045	11.061	ng		94
78) Pyrene	12.863	202	9028	9.385	ng		93
80) Butylbenzylphthalate	13.480	149	3189	9.592	ng		91
81) Benzo(a)anthracene	14.051	228	7800	10.027	ng		96
82) 3,3'-Dichlorobenzidine	14.016	252	2315	10.402	ng	#	89
83) Chrysene	14.086	228	7564	10.659	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	4712	10.446	ng	#	94
85) Di-n-octyl phthalate	14.657	149	8108	10.648	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	7382	9.574	ng		100
88) Benzo(b)fluoranthene	15.110	252	7180	9.626	ng		99
89) Benzo(k)fluoranthene	15.139	252	6433	9.836	ng		99
90) Benzo(a)pyrene	15.480	252	6651	10.347	ng		96
91) Dibenzo(a,h)anthracene	17.057	278	6081	9.817	ng		98
92) Benzo(g,h,i)perylene	17.492	276	5728	9.646	ng		97

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

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