Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090825\
Data File : BF143662.D
Acq On : 08 Sep 2025 10:52
Operator : RC/JU
Sample : Q2893-08
Misc : LOQ-WATER 5PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 08 12:13:26 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 :
LOQ-WATER-02-QT3-2025

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	59785	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	234073	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	133829	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	223391	20.000	ng		0.00
76) Chrysene-d12	14.045	240	146996	20.000	ng		0.00
86) Perylene-d12	15.515	264	136537	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	383471	113.631	ng		0.00
7) Phenol-d6	6.504	99	479669	114.520	ng		0.00
23) Nitrobenzene-d5	7.445	82	292702	87.888	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	148003	132.250	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	666430	79.559	ng		0.00
79) Terphenyl-d14	12.998	244	716151	81.177	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	6429	4.038	ng		93
3) Pyridine	3.475	79	15067	3.572	ng		91
6) Aniline	6.551	93	24936	4.277	ng		97
8) 2-Chlorophenol	6.669	128	15770	4.512	ng	#	71
10) Phenol	6.516	94	19294m	4.202	ng		
11) bis(2-Chloroethyl)ether	6.622	93	14919	4.148	ng		96
12) 1,3-Dichlorobenzene	6.828	146	18671	4.329	ng		98
13) 1,4-Dichlorobenzene	6.904	146	19114	4.418	ng		98
14) 1,2-Dichlorobenzene	7.057	146	18438	4.503	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	20609	3.641	ng		94
17) 2-Methylphenol	7.122	107	12430	4.068	ng		98
18) Hexachloroethane	7.404	117	5779	4.282	ng		95
22) Acetophenone	7.287	105	23152	4.374	ng		96
24) Nitrobenzene	7.463	77	16433	4.615	ng		98
25) Isophorone	7.698	82	29819	3.973	ng		99
26) 2-Nitrophenol	7.781	139	5461	7.152	ng		95
27) 2,4-Dimethylphenol	7.810	122	15117	4.627	ng		97
28) bis(2-Chloroethoxy)met...	7.910	93	18791	4.096	ng		99
29) 2,4-Dichlorophenol	8.016	162	11959	3.730	ng		92
30) 1,2,4-Trichlorobenzene	8.110	180	15338	4.390	ng		95
31) Naphthalene	8.192	128	48332	4.221	ng		98
33) 4-Chloroaniline	8.234	127	18888	4.764	ng		99
34) Hexachlorobutadiene	8.310	225	9338	4.108	ng		97
36) 4-Chloro-3-methylphenol	8.698	107	13152	3.917	ng		95
37) 2-Methylnaphthalene	8.881	142	29354	3.790	ng		97
38) 1-Methylnaphthalene	8.981	142	30771	4.156	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	16576	4.482	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	9556	4.194	ng		98
44) 2,4,5-Trichlorophenol	9.186	196	9323	3.963	ng		98
46) 1,1'-Biphenyl	9.345	154	40476	4.253	ng		98
47) 2-Chloronaphthalene	9.369	162	31201	4.189	ng		99
48) 2-Nitroaniline	9.457	65	6521	6.189	ng		98
49) Acenaphthylene	9.781	152	51121	4.762	ng		99
50) Dimethylphthalate	9.634	163	35769	4.221	ng		100
51) 2,6-Dinitrotoluene	9.698	165	5915	7.325	ng		97
52) Acenaphthene	9.957	154	30238	4.211	ng		99

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53) 3-Nitroaniline	9.863	138	6804	6.752	ng		96
55) Dibenzofuran	10.128	168	45295	4.342	ng		98
57) 2,4-Dinitrotoluene	10.098	165	7029	6.965	ng		96
58) Fluorene	10.469	166	36596	4.535	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	8359	4.679	ng	#	96
60) Diethylphthalate	10.339	149	34117	4.241	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	17815	4.424	ng		100
62) 4-Nitroaniline	10.469	138	5849	6.117	ng		93
63) Azobenzene	10.622	77	31008	4.089	ng		98
66) n-Nitrosodiphenylamine	10.575	169	29715	4.121	ng		97
67) 4-Bromophenyl-phenylether	10.951	248	10672	4.119	ng		99
68) Hexachlorobenzene	11.016	284	11626	4.272	ng		96
69) Atrazine	11.098	200	8382	3.888	ng		93
71) Phenanthrene	11.433	178	51719	4.282	ng		100
72) Anthracene	11.480	178	51492	4.250	ng		98
73) Carbazole	11.633	167	42951	4.206	ng		99
74) Di-n-butylphthalate	11.969	149	46334	4.041	ng		99
75) Fluoranthene	12.616	202	48434	4.366	ng		98
78) Pyrene	12.845	202	48636	4.010	ng		99
80) Butylbenzylphthalate	13.469	149	11248	6.009	ng		100
81) Benzo(a)anthracene	14.033	228	38733	4.068	ng		99
83) Chrysene	14.069	228	35195	4.112	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	16912	5.827	ng		100
87) Indeno(1,2,3-cd)pyrene	16.992	276	37228	3.911	ng		100
88) Benzo(b)fluoranthene	15.080	252	29288	3.560	ng		99
89) Benzo(k)fluoranthene	15.110	252	27091	3.808	ng		98
90) Benzo(a)pyrene	15.451	252	29223	4.133	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	30599	3.908	ng		98
92) Benzo(g,h,i)perylene	17.439	276	30164	4.000	ng		98

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

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