Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090525\
Data File : BF143655.D
Acq On : 05 Sep 2025 12:21
Operator : RC/JU
Sample : Q2893-09
Misc : MDL-WATER 8PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:22:12 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 :
MDL-WATER-03-QT3-2025

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	77055	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	290903	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	171161	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	289636	20.000	ng		0.00
76) Chrysene-d12	14.045	240	197228	20.000	ng		0.00
86) Perylene-d12	15.521	264	161611	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	529414	121.717	ng		0.00
7) Phenol-d6	6.510	99	665930	123.356	ng		0.00
23) Nitrobenzene-d5	7.451	82	415285	100.335	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	215994	150.908	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	902635	84.254	ng		0.00
79) Terphenyl-d14	12.998	244	1041338	87.974	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	15083	7.350	ng		97
3) Pyridine	3.481	79	35527	6.534	ng		97
4) n-Nitrosodimethylamine	3.381	42	15251	6.754	ng		90
6) Aniline	6.551	93	58352	7.765	ng		98
8) 2-Chlorophenol	6.675	128	36949	8.203	ng		95
9) Benzaldehyde	6.439	77	30438	7.589	ng		97
10) Phenol	6.522	94	45663m	7.715	ng		
11) bis(2-Chloroethyl)ether	6.622	93	34782	7.504	ng		99
12) 1,3-Dichlorobenzene	6.833	146	44257	7.961	ng		97
13) 1,4-Dichlorobenzene	6.910	146	43381	7.780	ng		99
14) 1,2-Dichlorobenzene	7.057	146	42855	8.121	ng		98
15) Benzyl Alcohol	7.022	79	30254	7.375	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	49235	6.749	ng		97
17) 2-Methylphenol	7.128	107	29601	7.516	ng		99
18) Hexachloroethane	7.404	117	13774	7.919	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	25980	7.557	ng		96
20) 3+4-Methylphenols	7.281	107	38393	7.744	ng		93
22) Acetophenone	7.292	105	53139	8.078	ng	#	96
24) Nitrobenzene	7.469	77	39018	8.817	ng		97
25) Isophorone	7.704	82	71342	7.649	ng		98
26) 2-Nitrophenol	7.781	139	15953	12.557	ng		97
27) 2,4-Dimethylphenol	7.810	122	35607	8.769	ng		96
28) bis(2-Chloroethoxy)met...	7.916	93	44146	7.742	ng		100
29) 2,4-Dichlorophenol	8.016	162	32513	8.159	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	35952	8.279	ng		99
31) Naphthalene	8.192	128	111572	7.841	ng		99
32) Benzoic acid	7.863	122	11129	11.324	ng		98
33) 4-Chloroaniline	8.233	127	44216	8.974	ng		99
34) Hexachlorobutadiene	8.310	225	22881	8.100	ng		95
35) Caprolactam	8.569	113	8045	7.534	ng		93
36) 4-Chloro-3-methylphenol	8.704	107	32514	7.792	ng		97
37) 2-Methylnaphthalene	8.880	142	70111	7.284	ng		99
38) 1-Methylnaphthalene	8.980	142	71393	7.759	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	37447	7.916	ng		99
41) Hexachlorocyclopentadiene	9.033	237	21214	9.235	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	24069	8.259	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	25196	8.374	ng		99
46) 1,1'-Biphenyl	9.345	154	97494	8.009	ng		99
47) 2-Chloronaphthalene	9.369	162	73002	7.663	ng		99
48) 2-Nitroaniline	9.457	65	19317	10.156	ng		99
49) Acenaphthylene	9.786	152	119260	8.687	ng		99
50) Dimethylphthalate	9.639	163	87772	8.098	ng		98
51) 2,6-Dinitrotoluene	9.698	165	17171	11.814	ng		97
52) Acenaphthene	9.957	154	71289	7.763	ng		99
53) 3-Nitroaniline	9.869	138	17951	10.719	ng		96
54) 2,4-Dinitrophenol	9.969	184	4944	13.996	ng	#	63
55) Dibenzofuran	10.127	168	106693	7.997	ng		98
56) 4-Nitrophenol	10.010	139	13270	8.258	ng		97
57) 2,4-Dinitrotoluene	10.098	165	21738	11.359	ng		98
58) Fluorene	10.469	166	84839	8.221	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	20552	8.994	ng		98
60) Diethylphthalate	10.339	149	82646	8.032	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	41467	8.052	ng		99
62) 4-Nitroaniline	10.474	138	17594	10.591	ng		96
63) Azobenzene	10.627	77	74342	7.665	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	7707	13.695	ng		99
66) n-Nitrosodiphenylamine	10.580	169	74349	7.953	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	26076	7.763	ng		95
68) Hexachlorobenzene	11.016	284	27495	7.792	ng		100
69) Atrazine	11.104	200	23700	8.480	ng		99
70) Pentachlorophenol	11.210	266	15334	7.736	ng		98
71) Phenanthrene	11.433	178	124553	7.953	ng		99
72) Anthracene	11.486	178	127478	8.116	ng		99
73) Carbazole	11.633	167	106728	8.061	ng		99
74) Di-n-butylphthalate	11.968	149	126324	8.498	ng		99
75) Fluoranthene	12.621	202	123096	8.558	ng		99
77) Benzidine	12.739	184	53664	11.893	ng		98
78) Pyrene	12.851	202	123410	7.583	ng		99
80) Butylbenzylphthalate	13.468	149	34537	9.502	ng		98
81) Benzo(a)anthracene	14.033	228	100346	7.855	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	28145	8.082	ng		98
83) Chrysene	14.074	228	84349	7.345	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	45968	8.831	ng		98
85) Di-n-octyl phthalate	14.645	149	66634	5.694	ng		99
87) Indeno(1,2,3-cd)pyrene	17.003	276	81498	7.234	ng		99
88) Benzo(b)fluoranthene	15.086	252	70300	7.220	ng		99
89) Benzo(k)fluoranthene	15.115	252	71780	8.524	ng		98
90) Benzo(a)pyrene	15.456	252	66291	7.920	ng		100
91) Dibenzo(a,h)anthracene	17.021	278	68047	7.343	ng		98
92) Benzo(g,h,i)perylene	17.450	276	64535	7.229	ng		99

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

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