Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143696.D
Acq On : 10 Sep 2025 11:18
Operator : RC/JU
Sample : Q2893-09
Misc : MDL-WATER 8 PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 10 11:44:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	44834	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	175406	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	103014	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	177744	20.000	ng	0.00
76) Chrysene-d12	14.045	240	113821	20.000	ng	0.00
86) Perylene-d12	15.515	264	102463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	351815	133.882	ng	0.00
7) Phenol-d6	6.510	99	439522	137.367	ng	0.00
23) Nitrobenzene-d5	7.451	82	277673	98.465	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	149778	144.274	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	639967	93.846	ng	0.00
79) Terphenyl-d14	12.998	244	732647	104.310	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	9741	8.310	ng	100
3) Pyridine	3.469	79	23784	7.855	ng	98
4) n-Nitrosodimethylamine	3.369	42	9520	8.277	ng	94
6) Aniline	6.551	93	36691	8.658	ng	99
8) 2-Chlorophenol	6.675	128	24400	8.597	ng	96
9) Benzaldehyde	6.440	77	19058	7.382	ng	97
10) Phenol	6.522	94	29828m	8.434	ng	
11) bis(2-Chloroethyl)ether	6.622	93	22514	8.523	ng	98
12) 1,3-Dichlorobenzene	6.828	146	29092	8.963	ng	99
13) 1,4-Dichlorobenzene	6.904	146	29743	9.079	ng	96
14) 1,2-Dichlorobenzene	7.057	146	27517	8.894	ng	100
15) Benzyl Alcohol	7.022	79	19883	8.543	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	28396	8.217	ng	96
17) 2-Methylphenol	7.128	107	20060	8.786	ng	99
18) Hexachloroethane	7.404	117	9017	8.520	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	16641	8.468	ng	97
20) 3+4-Methylphenols	7.281	107	25513	8.486	ng	97
22) Acetophenone	7.292	105	34139	8.618	ng	98
24) Nitrobenzene	7.469	77	24537	8.392	ng	94
25) Isophorone	7.698	82	45328	8.382	ng	98
26) 2-Nitrophenol	7.781	139	11580	8.055	ng	99
27) 2,4-Dimethylphenol	7.810	122	23554	9.126	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	27346	8.229	ng	97
29) 2,4-Dichlorophenol	8.016	162	21548	8.300	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	23503	8.738	ng	96
31) Naphthalene	8.192	128	72373	8.335	ng	99
32) Benzoic acid	7.863	122	8238	5.232	ng	97
33) 4-Chloroaniline	8.234	127	29543	9.773	ng	99
34) Hexachlorobutadiene	8.310	225	14649	8.350	ng	97
35) Caprolactam	8.563	113	5446	7.881	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	21860	8.539	ng	95
37) 2-Methylnaphthalene	8.881	142	46077	7.752	ng	99
38) 1-Methylnaphthalene	8.981	142	47159	8.267	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	24204	8.207	ng	99
41) Hexachlorocyclopentadiene	9.033	237	15073	9.955	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	15414	7.827	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	16453	8.218	ng		99
46)	1,1'-Biphenyl	9.345	154	65254	8.799	ng		100
47)	2-Chloronaphthalene	9.369	162	48629	8.364	ng		99
48)	2-Nitroaniline	9.457	65	12871	8.365	ng		94
49)	Acenaphthylene	9.780	152	78481	9.424	ng		100
50)	Dimethylphthalate	9.639	163	58564	8.738	ng		99
51)	2,6-Dinitrotoluene	9.698	165	11783	9.195	ng		98
52)	Acenaphthene	9.957	154	47591	8.293	ng		98
53)	3-Nitroaniline	9.863	138	12440	9.021	ng		98
54)	2,4-Dinitrophenol	9.969	184	3596	10.446	ng	#	1
55)	Dibenzofuran	10.128	168	69937	8.475	ng		97
56)	4-Nitrophenol	10.010	139	8856	8.072	ng		97
57)	2,4-Dinitrotoluene	10.098	165	15056	8.632	ng		99
58)	Fluorene	10.469	166	57370	8.881	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	13784	8.491	ng	#	98
60)	Diethylphthalate	10.339	149	55900	8.884	ng		98
61)	4-Chlorophenyl-phenyle...	10.463	204	27734	8.466	ng		97
62)	4-Nitroaniline	10.475	138	11542	8.837	ng		96
63)	Azobenzene	10.622	77	48496	8.718	ng		97
65)	4,6-Dinitro-2-methylph...	10.504	198	6067	6.704	ng		98
66)	n-Nitrosodiphenylamine	10.580	169	48789	8.379	ng		100
67)	4-Bromophenyl-phenylether	10.951	248	17513	8.171	ng		94
68)	Hexachlorobenzene	11.016	284	18911	8.356	ng		98
69)	Atrazine	11.098	200	15627	8.559	ng		99
70)	Pentachlorophenol	11.204	266	9547	6.978	ng		98
71)	Phenanthrene	11.433	178	84978	8.677	ng		99
72)	Anthracene	11.480	178	85917	8.725	ng		100
73)	Carbazole	11.633	167	70899	8.791	ng		99
74)	Di-n-butylphthalate	11.969	149	86495	8.908	ng		99
75)	Fluoranthene	12.616	202	79730	8.868	ng		99
77)	Benzidine	12.739	184	32690	8.807	ng		98
78)	Pyrene	12.845	202	80118	8.804	ng		100
80)	Butylbenzylphthalate	13.468	149	22183	7.780	ng		99
81)	Benzo(a)anthracene	14.033	228	61049	8.337	ng		99
82)	3,3'-Dichlorobenzidine	13.998	252	17981	7.982	ng		99
83)	Chrysene	14.068	228	55942	8.341	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.027	149	30113	7.402	ng		97
85)	Di-n-octyl phthalate	14.639	149	45683	6.266	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.992	276	53016	7.581	ng		99
88)	Benzo(b)fluoranthene	15.080	252	53943	8.844	ng		99
89)	Benzo(k)fluoranthene	15.110	252	45205	8.212	ng		98
90)	Benzo(a)pyrene	15.451	252	46008	8.586	ng		100
91)	Dibenzo(a,h)anthracene	17.015	278	44208	7.620	ng		98
92)	Benzo(g,h,i)perylene	17.445	276	40760	7.511	ng		98

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

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