Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143689.D
Acq On : 09 Sep 2025 17:28
Operator : RC/JU
Sample : Q2893-07
Misc : LOD-MDL-WATER 8 PPM
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 09 17:50:30 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 :
LOD-MDL-WATER-01-QT3-2025

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	47875	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	181995	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	105789	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	176516	20.000	ng	0.00
76) Chrysene-d12	14.045	240	116820	20.000	ng	0.00
86) Perylene-d12	15.515	264	107947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	364719	129.977	ng	0.00
7) Phenol-d6	6.510	99	461710	135.136	ng	0.00
23) Nitrobenzene-d5	7.451	82	289277	98.866	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	148187	138.997	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	654182	93.414	ng	0.00
79) Terphenyl-d14	12.998	244	712393	98.823	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	10483	8.375	ng	99
3) Pyridine	3.481	79	24597	7.607	ng	97
4) n-Nitrosodimethylamine	3.381	42	10227	8.327	ng	98
6) Aniline	6.551	93	37639	8.318	ng	98
8) 2-Chlorophenol	6.675	128	25214	8.320	ng	99
9) Benzaldehyde	6.440	77	20725	7.518	ng	97
10) Phenol	6.522	94	31573m	8.360	ng	
11) bis(2-Chloroethyl)ether	6.622	93	22866	8.107	ng	100
12) 1,3-Dichlorobenzene	6.828	146	29684	8.564	ng	100
13) 1,4-Dichlorobenzene	6.904	146	29741	8.501	ng	99
14) 1,2-Dichlorobenzene	7.057	146	29350	8.884	ng	99
15) Benzyl Alcohol	7.022	79	20232	8.141	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	29657	8.036	ng	97
17) 2-Methylphenol	7.122	107	20342	8.344	ng	98
18) Hexachloroethane	7.404	117	9230	8.167	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	17356	8.271	ng	98
20) 3+4-Methylphenols	7.281	107	25921	8.074	ng	92
22) Acetophenone	7.292	105	34926	8.497	ng	98
24) Nitrobenzene	7.469	77	25940	8.550	ng	98
25) Isophorone	7.698	82	47298	8.430	ng	99
26) 2-Nitrophenol	7.781	139	12077	8.096	ng	97
27) 2,4-Dimethylphenol	7.810	122	24602	9.187	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	28485	8.261	ng	98
29) 2,4-Dichlorophenol	8.016	162	22002	8.168	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	24134	8.648	ng	96
31) Naphthalene	8.192	128	75236	8.351	ng	98
32) Benzoic acid	7.857	122	8975	5.494	ng	97
33) 4-Chloroaniline	8.234	127	29316	9.347	ng	97
34) Hexachlorobutadiene	8.310	225	15136	8.315	ng	98
35) Caprolactam	8.563	113	5428	7.571	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	21737	8.184	ng	96
37) 2-Methylnaphthalene	8.881	142	47398	7.685	ng	97
38) 1-Methylnaphthalene	8.981	142	48027	8.115	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	25619	8.459	ng	98
41) Hexachlorocyclopentadiene	9.033	237	15484	9.958	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	16709	8.262	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	17112	8.323	ng		95
46) 1,1'-Biphenyl	9.345	154	65890	8.652	ng		98
47) 2-Chloronaphthalene	9.369	162	48945	8.198	ng		98
48) 2-Nitroaniline	9.457	65	12520	7.924	ng		98
49) Acenaphthylene	9.781	152	82123	9.602	ng		98
50) Dimethylphthalate	9.639	163	59031	8.576	ng		100
51) 2,6-Dinitrotoluene	9.698	165	11935	9.069	ng		98
52) Acenaphthene	9.957	154	48251	8.187	ng		97
53) 3-Nitroaniline	9.863	138	12498	8.825	ng	#	97
54) 2,4-Dinitrophenol	9.969	184	3293	9.920	ng	#	1
55) Dibenzofuran	10.128	168	72688	8.577	ng		97
56) 4-Nitrophenol	10.010	139	8532	7.572	ng		95
57) 2,4-Dinitrotoluene	10.098	165	15049	8.402	ng		96
58) Fluorene	10.469	166	57055	8.601	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	14374	8.622	ng		98
60) Diethylphthalate	10.339	149	54520	8.437	ng		97
61) 4-Chlorophenyl-phenyle...	10.463	204	28613	8.505	ng		98
62) 4-Nitroaniline	10.469	138	11098	8.274	ng		98
63) Azobenzene	10.622	77	48980	8.574	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	5554	6.180	ng		97
66) n-Nitrosodiphenylamine	10.580	169	49839	8.619	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	17026	7.999	ng		89
68) Hexachlorobenzene	11.016	284	18889	8.404	ng		98
69) Atrazine	11.098	200	15870	8.753	ng		98
70) Pentachlorophenol	11.204	266	8818	6.490	ng		93
71) Phenanthrene	11.433	178	83588	8.595	ng		99
72) Anthracene	11.480	178	86455	8.841	ng		99
73) Carbazole	11.633	167	70966	8.861	ng		98
74) Di-n-butylphthalate	11.969	149	83323	8.641	ng		99
75) Fluoranthene	12.616	202	79263	8.878	ng		100
77) Benzidine	12.739	184	31400	8.243	ng		97
78) Pyrene	12.845	202	78381	8.392	ng		99
80) Butylbenzylphthalate	13.469	149	23346	7.978	ng		98
81) Benzo(a)anthracene	14.033	228	64442	8.575	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	18749	8.109	ng		97
83) Chrysene	14.068	228	55886	8.119	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	31246	7.483	ng	#	99
85) Di-n-octyl phthalate	14.639	149	46517	6.217	ng		98
87) Indeno(1,2,3-cd)pyrene	16.992	276	52521	7.129	ng		98
88) Benzo(b)fluoranthene	15.080	252	49790	7.748	ng		98
89) Benzo(k)fluoranthene	15.110	252	45877	7.911	ng		100
90) Benzo(a)pyrene	15.451	252	48376	8.569	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	43063	7.045	ng		99
92) Benzo(g,h,i)perylene	17.439	276	41707	7.295	ng		98

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

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