Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
Data File : BF143646.D
Acq On : 04 Sep 2025 16:12
Operator : RC/JU
Sample : Q2893-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 04 17:16:06 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 :
LOD-MDL-WATER-01-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	75512	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	289726	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	166088	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	281702	20.000	ng		0.00
76) Chrysene-d12	14.045	240	201053	20.000	ng		0.00
86) Perylene-d12	15.521	264	170876	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	525867	123.372	ng		0.00
7) Phenol-d6	6.510	99	660959	124.937	ng		0.00
23) Nitrobenzene-d5	7.451	82	408645	99.132	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	206402	148.611	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	894345	86.030	ng		0.00
79) Terphenyl-d14	12.998	244	1015504	84.160	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	15316	7.616	ng		98
3) Pyridine	3.475	79	38153	7.161	ng		97
4) n-Nitrosodimethylamine	3.369	42	16260	7.348	ng		97
6) Aniline	6.551	93	56865	7.722	ng		99
8) 2-Chlorophenol	6.675	128	35997	8.155	ng		91
9) Benzaldehyde	6.439	77	30850	7.848	ng		97
10) Phenol	6.522	94	45181	7.790	ng	#	81
11) bis(2-Chloroethyl)ether	6.622	93	34320	7.555	ng		97
12) 1,3-Dichlorobenzene	6.834	146	43675	8.017	ng		97
13) 1,4-Dichlorobenzene	6.910	146	44012	8.055	ng		98
14) 1,2-Dichlorobenzene	7.057	146	41291	7.985	ng		100
15) Benzyl Alcohol	7.022	79	31043	7.722	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	51827	7.249	ng		100
17) 2-Methylphenol	7.128	107	29429	7.625	ng		98
18) Hexachloroethane	7.404	117	13944	8.180	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	26648	7.910	ng		98
20) 3+4-Methylphenols	7.281	107	38784	7.983	ng		92
22) Acetophenone	7.292	105	53988	8.240	ng	#	96
24) Nitrobenzene	7.469	77	39431	8.946	ng		99
25) Isophorone	7.704	82	69827	7.517	ng		99
26) 2-Nitrophenol	7.781	139	14232	11.603	ng		97
27) 2,4-Dimethylphenol	7.810	122	35348	8.740	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	44469	7.831	ng		99
29) 2,4-Dichlorophenol	8.016	162	31723	7.993	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	36178	8.365	ng		99
31) Naphthalene	8.192	128	110737	7.814	ng		99
32) Benzoic acid	7.857	122	11224	11.372	ng		97
33) 4-Chloroaniline	8.233	127	43996	8.966	ng		99
34) Hexachlorobutadiene	8.310	225	22246	7.907	ng		95
35) Caprolactam	8.563	113	8084	7.601	ng		94
36) 4-Chloro-3-methylphenol	8.704	107	32192	7.746	ng		99
37) 2-Methylnaphthalene	8.880	142	68361	7.132	ng		100
38) 1-Methylnaphthalene	8.980	142	71820	7.837	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	36867	8.032	ng		99
41) Hexachlorocyclopentadiene	9.033	237	21581	9.682	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	23105	8.170	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	24397	8.356	ng		99
46) 1,1'-Biphenyl	9.345	154	96135	8.139	ng		99
47) 2-Chloronaphthalene	9.369	162	72317	7.823	ng		98
48) 2-Nitroaniline	9.457	65	17594	9.727	ng		95
49) Acenaphthylene	9.786	152	118334	8.882	ng		99
50) Dimethylphthalate	9.639	163	86143	8.191	ng		100
51) 2,6-Dinitrotoluene	9.698	165	15991	11.491	ng		99
52) Acenaphthene	9.957	154	69643	7.815	ng		99
53) 3-Nitroaniline	9.863	138	17581	10.791	ng		100
54) 2,4-Dinitrophenol	9.969	184	3827	12.475	ng	#	45
55) Dibenzofuran	10.127	168	104736	8.090	ng		98
56) 4-Nitrophenol	10.010	139	12695	8.141	ng		95
57) 2,4-Dinitrotoluene	10.098	165	19757	10.884	ng		98
58) Fluorene	10.469	166	83208	8.309	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	21259m	9.588	ng		
60) Diethylphthalate	10.339	149	81104	8.123	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	40356	8.076	ng		98
62) 4-Nitroaniline	10.475	138	15029	9.659	ng		96
63) Azobenzene	10.627	77	76430	8.121	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	6521	13.024	ng		97
66) n-Nitrosodiphenylamine	10.580	169	70236	7.725	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	25412	7.778	ng		96
68) Hexachlorobenzene	11.016	284	26344	7.676	ng		99
69) Atrazine	11.104	200	21707	7.986	ng		97
70) Pentachlorophenol	11.210	266	14023	7.274	ng		97
71) Phenanthrene	11.433	178	120917	7.938	ng		98
72) Anthracene	11.486	178	121768	7.970	ng		99
73) Carbazole	11.633	167	105734	8.211	ng		99
74) Di-n-butylphthalate	11.969	149	117672	8.139	ng		100
75) Fluoranthene	12.621	202	119026	8.508	ng		99
77) Benzidine	12.739	184	54320	11.809	ng		97
78) Pyrene	12.851	202	119341	7.193	ng		99
80) Butylbenzylphthalate	13.468	149	32883	9.093	ng		99
81) Benzo(a)anthracene	14.033	228	95667	7.346	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	28431	8.009	ng		99
83) Chrysene	14.068	228	90935	7.768	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	45822	8.700	ng		98
85) Di-n-octyl phthalate	14.639	149	65894	5.524	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	83162	6.981	ng		100
88) Benzo(b)fluoranthene	15.086	252	73659	7.155	ng		98
89) Benzo(k)fluoranthene	15.115	252	75889	8.524	ng		98
90) Benzo(a)pyrene	15.457	252	70737	7.993	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	70063	7.151	ng		99
92) Benzo(g,h,i)perylene	17.451	276	66612	7.058	ng		100

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

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