Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
Data File : BG064297.D
Acq On : 5 Sep 2025 17:53
Operator : RC/JU
Sample : Q2893-09
Misc : MDL-WATER 8PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 18:33:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	26554	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	112056	20.000	ng		#-0.01
39) Acenaphthene-d10	14.476	164	85361	20.000	ng		0.00
64) Phenanthrene-d10	17.220	188	210475	20.000	ng		# 0.00
76) Chrysene-d12	21.450	240	221709	20.000	ng		0.00
86) Perylene-d12	24.452	264	243882	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	170612	115.272	ng		0.00
7) Phenol-d6	7.020	99	238737	117.409	ng		-0.01
23) Nitrobenzene-d5	9.006	82	182201	90.682	ng		-0.01
42) 2,4,6-Tribromophenol	15.962	330	163791	144.865	ng		-0.01
45) 2-Fluorobiphenyl	13.101	172	480179	85.862	ng		-0.01
79) Terphenyl-d14	19.840	244	983874	92.586	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.359	88	4566	7.401	ng		87
3) Pyridine	3.747	79	11746	6.468	ng	#	53
4) n-Nitrosodimethylamine	3.665	42	8874	7.388	ng	#	95
6) Aniline	7.179	93	20942	7.448	ng		99
8) 2-Chlorophenol	7.419	128	12030	6.651	ng		87
9) Benzaldehyde	6.991	77	11308	6.758	ng		95
10) Phenol	7.049	94	15560	6.941	ng		81
11) bis(2-Chloroethyl)ether	7.278	93	10693	6.347	ng		97
12) 1,3-Dichlorobenzene	7.743	146	15300m	7.952	ng		
13) 1,4-Dichlorobenzene	7.889	146	15597	8.032	ng		94
14) 1,2-Dichlorobenzene	8.207	146	15159m	8.088	ng		
15) Benzyl Alcohol	8.083	79	12643	6.738	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.383	45	22473	5.843	ng		90
17) 2-Methylphenol	8.295	107	11060	6.620	ng		86
18) Hexachloroethane	8.929	117	5606	7.396	ng	#	89
19) n-Nitroso-di-n-propyla...	8.653	70	11062	7.108	ng	#	95
20) 3+4-Methylphenols	8.612	107	15861	6.832	ng	#	80
22) Acetophenone	8.665	105	21400	7.549	ng		97
24) Nitrobenzene	9.047	77	16121	7.679	ng		93
25) Isophorone	9.564	82	31364	7.511	ng		97
26) 2-Nitrophenol	9.752	139	7246	7.988	ng	#	85
27) 2,4-Dimethylphenol	9.817	122	12632	7.932	ng		99
28) bis(2-Chloroethoxy)met...	10.046	93	15705	6.975	ng		95
29) 2,4-Dichlorophenol	10.293	162	13493	8.030	ng		96
30) 1,2,4-Trichlorobenzene	10.498	180	15190	8.573	ng	#	91
31) Naphthalene	10.686	128	44317	7.627	ng		97
32) Benzoic acid	9.911	122	6749m	5.339	ng		
33) 4-Chloroaniline	10.798	127	18946	8.413	ng		94
34) Hexachlorobutadiene	10.980	225	11252	8.592	ng	#	82
35) Caprolactam	11.544	113	5061	7.778	ng	#	61
36) 4-Chloro-3-methylphenol	11.920	107	16013	7.345	ng		94
37) 2-Methylnaphthalene	12.296	142	31061	7.192	ng		93
38) 1-Methylnaphthalene	12.519	142	31680	7.426	ng		99
40) 1,2,4,5-Tetrachloroben...	12.666	216	19250	7.816	ng		99
41) Hexachlorocyclopentadiene	12.649	237	10239	8.747	ng		86
43) 2,4,6-Trichlorophenol	12.907	196	12843	7.802	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.978	196	14024	7.853	ng		88
46) 1,1'-Biphenyl	13.313	154	45281	7.283	ng		99
47) 2-Chloronaphthalene	13.354	162	33925	7.258	ng		99
48) 2-Nitroaniline	13.553	65	11412	7.163	ng		93
49) Acenaphthylene	14.194	152	56733	8.211	ng		96
50) Dimethylphthalate	13.929	163	50350	7.793	ng	#	97
51) 2,6-Dinitrotoluene	14.047	165	10721	8.571	ng		99
52) Acenaphthene	14.540	154	35574	7.296	ng		97
53) 3-Nitroaniline	14.376	138	9323	7.116	ng		97
54) 2,4-Dinitrophenol	14.588	184	4151	10.372	ng		94
55) Dibenzofuran	14.875	168	58066	7.571	ng		100
56) 4-Nitrophenol	14.693	139	6363	5.920	ng	#	89
57) 2,4-Dinitrotoluene	14.834	165	13909	7.354	ng	#	89
58) Fluorene	15.522	166	48206	7.669	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.099	232	14191	8.262	ng	#	97
60) Diethylphthalate	15.298	149	53725	7.770	ng		96
61) 4-Chlorophenyl-phenyle...	15.522	204	25720	8.206	ng		94
62) 4-Nitroaniline	15.533	138	9744	7.288	ng		94
63) Azobenzene	15.810	77	46426	7.533	ng		94
65) 4,6-Dinitro-2-methylph...	15.598	198	8877	7.346	ng		84
66) n-Nitrosodiphenylamine	15.733	169	42654	7.367	ng		100
67) 4-Bromophenyl-phenylether	16.409	248	17738	7.935	ng		94
68) Hexachlorobenzene	16.526	284	19184	7.728	ng		95
69) Atrazine	16.679	200	18710	7.739	ng		97
70) Pentachlorophenol	16.867	266	10955	7.278	ng		97
71) Phenanthrene	17.261	178	82462	7.428	ng		98
72) Anthracene	17.349	178	84118	7.449	ng		99
73) Carbazole	17.619	167	75397	7.579	ng		98
74) Di-n-butylphthalate	18.189	149	89879	7.520	ng		97
75) Fluoranthene	19.270	202	100916	7.731	ng		94
77) Benzidine	19.452	184	45246	9.701	ng		97
78) Pyrene	19.629	202	104200	7.460	ng		99
80) Butylbenzylphthalate	20.528	149	39094	7.421	ng	#	96
81) Benzo(a)anthracene	21.432	228	107267	7.563	ng		96
82) 3,3'-Dichlorobenzidine	21.350	252	39549	8.561	ng		99
83) Chrysene	21.491	228	101437	7.449	ng		99
84) Bis(2-ethylhexyl)phtha...	21.356	149	58269	7.367	ng	#	99
85) Di-n-octyl phthalate	22.496	149	100025	7.258	ng	#	97
87) Indeno(1,2,3-cd)pyrene	27.831	276	124884	7.498	ng	#	96
88) Benzo(b)fluoranthene	23.506	252	106188	7.715	ng		96
89) Benzo(k)fluoranthene	23.565	252	104651	7.463	ng		98
90) Benzo(a)pyrene	24.306	252	102180	7.980	ng		98
91) Dibenzo(a,h)anthracene	27.890	278	105145	7.863	ng	#	96
92) Benzo(g,h,i)perylene	28.877	276	102154	7.851	ng	#	93

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

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