Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064270.D
Acq On : 4 Sep 2025 2:43
Operator : RC/JU
Sample : Q2893-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 04 04:22:04 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 :
LOD-MDL-WATER-01-QT3-2025

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.856	152	38335	20.000	ng		0.00
21) Naphthalene-d8	10.641	136	181849	20.000	ng		0.00
39) Acenaphthene-d10	14.477	164	130052	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	263032	20.000	ng		0.00
76) Chrysene-d12	21.446	240	239724	20.000	ng		0.00
86) Perylene-d12	24.454	264	257749	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.441	112	288690	135.108	ng		0.00
7) Phenol-d6	7.027	99	432761	147.423	ng		0.00
23) Nitrobenzene-d5	9.007	82	335310	102.835	ng		0.00
42) 2,4,6-Tribromophenol	15.964	330	239787	139.201	ng		0.00
45) 2-Fluorobiphenyl	13.102	172	854433	100.280	ng		0.00
79) Terphenyl-d14	19.836	244	1174894	102.253	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	4182	4.696	ng		91
3) Pyridine	3.755	79	10477	3.996	ng	#	58
4) n-Nitrosodimethylamine	3.666	42	7971	4.597	ng	#	90
6) Aniline	7.180	93	19013	4.684	ng	#	92
8) 2-Chlorophenol	7.421	128	11549	4.423	ng		86
9) Benzaldehyde	6.992	77	11330	4.690	ng	#	89
10) Phenol	7.051	94	14263	4.407	ng		92
11) bis(2-Chloroethyl)ether	7.280	93	10801	4.441	ng		91
12) 1,3-Dichlorobenzene	7.744	146	12889	4.640	ng		95
13) 1,4-Dichlorobenzene	7.891	146	12862m	4.588	ng		
14) 1,2-Dichlorobenzene	8.202	146	13100	4.842	ng		93
15) Benzyl Alcohol	8.085	79	12300	4.540	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.378	45	22943	4.132	ng		94
17) 2-Methylphenol	8.290	107	10120	4.196	ng	#	86
18) Hexachloroethane	8.931	117	4804	4.390	ng		89
19) n-Nitroso-di-n-propyla...	8.655	70	10427	4.641	ng	#	93
20) 3+4-Methylphenols	8.619	107	13946	4.161	ng		89
22) Acetophenone	8.666	105	21140	4.595	ng	#	97
24) Nitrobenzene	9.048	77	16350	4.799	ng	#	97
25) Isophorone	9.565	82	29936	4.417	ng		97
26) 2-Nitrophenol	9.759	139	6260	4.253	ng	#	75
27) 2,4-Dimethylphenol	9.818	122	11639	4.503	ng		92
28) bis(2-Chloroethoxy)met...	10.053	93	15954	4.366	ng		98
29) 2,4-Dichlorophenol	10.294	162	11241	4.122	ng		92
30) 1,2,4-Trichlorobenzene	10.505	180	13655	4.749	ng		93
31) Naphthalene	10.688	128	41392	4.389	ng	#	95
32) Benzoic acid	9.912	122	3712m	1.809	ng		
33) 4-Chloroaniline	10.799	127	16803	4.597	ng		93
34) Hexachlorobutadiene	10.975	225	9881	4.649	ng		95
35) Caprolactam	11.545	113	3598	3.408	ng		94
36) 4-Chloro-3-methylphenol	11.921	107	15378	4.346	ng		92
37) 2-Methylnaphthalene	12.303	142	27788	3.964	ng		99
38) 1-Methylnaphthalene	12.521	142	30320	4.379	ng		97
40) 1,2,4,5-Tetrachloroben...	12.668	216	17275	4.604	ng		97
41) Hexachlorocyclopentadiene	12.656	237	8337	4.675	ng		90
43) 2,4,6-Trichlorophenol	12.908	196	10617	4.233	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.979	196	12105	4.449	ng	#	92
46)	1,1'-Biphenyl	13.314	154	44988	4.749	ng		91
47)	2-Chloronaphthalene	13.349	162	31624	4.441	ng		96
48)	2-Nitroaniline	13.555	65	10117	4.168	ng		95
49)	Acenaphthylene	14.195	152	49763	4.727	ng		95
50)	Dimethylphthalate	13.931	163	42531	4.321	ng	#	96
51)	2,6-Dinitrotoluene	14.042	165	8561	4.492	ng		97
52)	Acenaphthene	14.542	154	32474	4.371	ng		98
53)	3-Nitroaniline	14.377	138	7340	3.677	ng		98
54)	2,4-Dinitrophenol	14.583	184	2814	7.752	ng	#	79
55)	Dibenzofuran	14.877	168	52592	4.501	ng		92
56)	4-Nitrophenol	14.683	139	4191	2.559	ng	#	85
57)	2,4-Dinitrotoluene	14.836	165	12079	4.192	ng	#	95
58)	Fluorene	15.523	166	43583	4.551	ng		94
59)	2,3,4,6-Tetrachlorophenol	15.106	232	11141	4.258	ng	#	97
60)	Diethylphthalate	15.300	149	39338	3.734	ng		98
61)	4-Chlorophenyl-phenyle...	15.517	204	20665	4.328	ng		96
62)	4-Nitroaniline	15.535	138	6306	3.096	ng		93
63)	Azobenzene	15.817	77	41066	4.374	ng		96
65)	4,6-Dinitro-2-methylph...	15.594	198	6052	4.008	ng	#	75
66)	n-Nitrosodiphenylamine	15.735	169	34589	4.780	ng		95
67)	4-Bromophenyl-phenylether	16.416	248	13986	5.006	ng		87
68)	Hexachlorobenzene	16.528	284	15612	5.032	ng		96
69)	Atrazine	16.681	200	11419	3.780	ng		93
70)	Pentachlorophenol	16.874	266	6549	3.481	ng		98
71)	Phenanthrene	17.256	178	64582	4.655	ng		99
72)	Anthracene	17.350	178	63437	4.495	ng		99
73)	Carbazole	17.615	167	48853	3.930	ng	#	91
74)	Di-n-butylphthalate	18.185	149	57927	3.878	ng		99
75)	Fluoranthene	19.272	202	61714	3.783	ng		97
77)	Benzidine	19.448	184	23652	4.690	ng	#	91
78)	Pyrene	19.630	202	64714	4.285	ng		98
80)	Butylbenzylphthalate	20.529	149	25840	4.536	ng		92
81)	Benzo(a)anthracene	21.428	228	71170	4.641	ng		96
82)	3,3'-Dichlorobenzidine	21.352	252	23710	4.747	ng		99
83)	Chrysene	21.487	228	67388	4.577	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.352	149	39432	4.611	ng		97
85)	Di-n-octyl phthalate	22.491	149	68462	4.594	ng		98
87)	Indeno(1,2,3-cd)pyrene	27.820	276	79268	4.503	ng	#	73
88)	Benzo(b)fluoranthene	23.502	252	67415	4.634	ng		97
89)	Benzo(k)fluoranthene	23.561	252	66715	4.502	ng		95
90)	Benzo(a)pyrene	24.307	252	65189	4.817	ng		99
91)	Dibenzo(a,h)anthracene	27.891	278	64264	4.547	ng		98
92)	Benzo(g,h,i)perylene	28.878	276	63867	4.644	ng		96

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

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