Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112125\
Data File : BG064843.D
Acq On : 21 Nov 2025 14:33
Operator : RC/JU
Sample : Q3530-09
Misc : MDL-WATER-8ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2025

Quant Time: Nov 21 15:19:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.155	152	44692	20.000	ng		-0.01
21) Naphthalene-d8	10.976	136	168169	20.000	ng		-0.01
39) Acenaphthene-d10	14.771	164	141777	20.000	ng		0.00
64) Phenanthrene-d10	17.497	188	354177	20.000	ng		0.00
76) Chrysene-d12	21.745	240	417388	20.000	ng		-0.01
86) Perylene-d12	25.006	264	390472	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.688	112	371152	145.017	ng		-0.01
7) Phenol-d6	7.298	99	426373	125.254	ng		-0.01
23) Nitrobenzene-d5	9.319	82	293259	86.220	ng		-0.01
42) 2,4,6-Tribromophenol	16.246	330	338475	122.410	ng		0.00
45) 2-Fluorobiphenyl	13.402	172	850357	83.690	ng		0.00
79) Terphenyl-d14	20.089	244	2033868	95.853	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.526	88	9033	9.117	ng		90
3) Pyridine	3.937	79	21250	7.198	ng		86
4) n-Nitrosodimethylamine	3.843	42	9968	6.634	ng	#	85
6) Aniline	7.468	93	34381	7.577	ng		97
8) 2-Chlorophenol	7.715	128	22038	7.842	ng		95
9) Benzaldehyde	7.280	77	18899	8.481	ng		93
10) Phenol	7.327	94	27503	7.426	ng		96
11) bis(2-Chloroethyl)ether	7.562	93	19970	7.577	ng		94
12) 1,3-Dichlorobenzene	8.044	146	27053	8.366	ng		90
13) 1,4-Dichlorobenzene	8.191	146	27832	8.452	ng		96
14) 1,2-Dichlorobenzene	8.514	146	25226	7.901	ng		94
15) Benzyl Alcohol	8.385	79	19547	6.996	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.678	45	39533	6.337	ng		96
17) 2-Methylphenol	8.584	107	18379	7.013	ng		94
18) Hexachloroethane	9.254	117	9239	7.408	ng		98
19) n-Nitroso-di-n-propyla...	8.954	70	16931	7.356	ng	#	87
20) 3+4-Methylphenols	8.913	107	24239	6.752	ng		96
22) Acetophenone	8.972	105	35590	7.768	ng	#	94
24) Nitrobenzene	9.360	77	26167	7.614	ng		96
25) Isophorone	9.883	82	49961	7.713	ng		96
26) 2-Nitrophenol	10.077	139	11490	7.433	ng	#	94
27) 2,4-Dimethylphenol	10.130	122	15938	5.804	ng		95
28) bis(2-Chloroethoxy)met...	10.365	93	27273	7.670	ng		93
29) 2,4-Dichlorophenol	10.617	162	22334	7.575	ng		98
30) 1,2,4-Trichlorobenzene	10.829	180	28958	8.134	ng		94
31) Naphthalene	11.023	128	71337	7.483	ng		97
32) Benzoic acid	10.194	122	10981m	10.853	ng		
33) 4-Chloroaniline	11.128	127	29535	7.745	ng		96
34) Hexachlorobutadiene	11.316	225	23592	7.723	ng		97
35) Caprolactam	11.863	113	6072	6.885	ng	#	74
36) 4-Chloro-3-methylphenol	12.227	107	24859	7.575	ng		94
37) 2-Methylnaphthalene	12.615	142	48229	6.761	ng		97
38) 1-Methylnaphthalene	12.832	142	51997	7.337	ng		97
40) 1,2,4,5-Tetrachloroben...	12.979	216	40805	7.395	ng		98
41) Hexachlorocyclopentadiene	12.962	237	17390	4.397	ng		97
43) 2,4,6-Trichlorophenol	13.214	196	23350	7.211	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.285	196	25806	7.105	ng		94
46) 1,1'-Biphenyl	13.614	154	77884	7.648	ng		98
47) 2-Chloronaphthalene	13.655	162	59754	7.448	ng		98
48) 2-Nitroaniline	13.843	65	17845	6.916	ng		98
49) Acenaphthylene	14.495	152	100932	7.364	ng		98
50) Dimethylphthalate	14.213	163	83608	7.465	ng		97
51) 2,6-Dinitrotoluene	14.325	165	16278	7.553	ng		96
52) Acenaphthene	14.836	154	60910	7.412	ng		99
53) 3-Nitroaniline	14.660	138	15420	7.250	ng	#	94
54) 2,4-Dinitrophenol	14.871	184	4334	11.205	ng		87
55) Dibenzofuran	15.165	168	105550	7.769	ng		97
56) 4-Nitrophenol	14.959	139	10686m	6.332	ng		
57) 2,4-Dinitrotoluene	15.106	165	24219	7.496	ng	#	95
58) Fluorene	15.805	166	81733	7.671	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.382	232	29224	8.155	ng		94
60) Diethylphthalate	15.564	149	80365	7.491	ng		98
61) 4-Chlorophenyl-phenyle...	15.799	204	47731	7.464	ng		99
62) 4-Nitroaniline	15.811	138	14840m	6.735	ng		
63) Azobenzene	16.087	77	66663	7.470	ng		98
65) 4,6-Dinitro-2-methylph...	15.870	198	11241	5.716	ng		95
66) n-Nitrosodiphenylamine	16.005	169	73346	7.906	ng		99
67) 4-Bromophenyl-phenylether	16.687	248	35831	7.704	ng		95
68) Hexachlorobenzene	16.810	284	43470	7.714	ng		94
69) Atrazine	16.939	200	32835	7.341	ng		96
70) Pentachlorophenol	17.151	266	19233	11.468	ng		96
71) Phenanthrene	17.544	178	152098	7.849	ng		99
72) Anthracene	17.633	178	151920	7.688	ng		99
73) Carbazole	17.891	167	129373	7.616	ng		99
74) Di-n-butylphthalate	18.443	149	144465	7.623	ng	#	98
75) Fluoranthene	19.536	202	195807	7.389	ng		97
77) Benzidine	19.701	184	68734	5.499	ng		98
78) Pyrene	19.895	202	204485	8.741	ng		98
80) Butylbenzylphthalate	20.764	149	64913	7.889	ng		94
81) Benzo(a)anthracene	21.728	228	212328	7.481	ng		98
82) 3,3'-Dichlorobenzidine	21.640	252	74335	7.116	ng		99
83) Chrysene	21.792	228	206698	7.725	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	91886	7.642	ng		100
85) Di-n-octyl phthalate	22.850	149	142340	6.849	ng		98
87) Indeno(1,2,3-cd)pyrene	28.725	276	202824	7.560	ng	#	77
88) Benzo(b)fluoranthene	23.972	252	189100	7.610	ng		98
89) Benzo(k)fluoranthene	24.031	252	195810m	7.843	ng		
90) Benzo(a)pyrene	24.854	252	177450	7.698	ng	#	96
91) Dibenzo(a,h)anthracene	28.784	278	163627	7.445	ng		97
92) Benzo(g,h,i)perylene	29.883	276	164064	7.757	ng		98

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

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