Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
Data File : BG064822.D
Acq On : 19 Nov 2025 19:25
Operator : RC/JU
Sample : Q3530-07
Misc : LOD-WATER-4PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

Quant Time: Nov 20 00:25:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 20 00:22:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.165	152	50179	20.000	ng		0.00
21) Naphthalene-d8	10.979	136	210197	20.000	ng		0.00
39) Acenaphthene-d10	14.775	164	171686	20.000	ng		0.00
64) Phenanthrene-d10	17.501	188	426367	20.000	ng		0.00
76) Chrysene-d12	21.749	240	508428	20.000	ng		0.00
86) Perylene-d12	25.004	264	493539	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.697	112	298779	103.974	ng		0.00
7) Phenol-d6	7.307	99	409872	107.240	ng		0.00
23) Nitrobenzene-d5	9.322	82	310276	72.984	ng		0.00
42) 2,4,6-Tribromophenol	16.249	330	342266	102.218	ng		0.00
45) 2-Fluorobiphenyl	13.406	172	902137	73.319	ng		0.00
79) Terphenyl-d14	20.086	244	2082238	80.561	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	4206	3.781	ng		97
3) Pyridine	3.946	79	10198	3.077	ng		92
4) n-Nitrosodimethylamine	3.846	42	5344	3.168	ng	#	93
6) Aniline	7.477	93	18328	3.598	ng		98
8) 2-Chlorophenol	7.724	128	11272	3.572	ng		93
9) Benzaldehyde	7.289	77	10771	4.305	ng	#	83
10) Phenol	7.336	94	14068	3.383	ng		95
11) bis(2-Chloroethyl)ether	7.571	93	10767	3.639	ng		94
12) 1,3-Dichlorobenzene	8.053	146	12955	3.568	ng		99
13) 1,4-Dichlorobenzene	8.200	146	13702	3.706	ng		94
14) 1,2-Dichlorobenzene	8.517	146	13843	3.862	ng		92
15) Benzyl Alcohol	8.394	79	10422	3.322	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.688	45	22481	3.210	ng		94
17) 2-Methylphenol	8.599	107	9355	3.179	ng		95
18) Hexachloroethane	9.257	117	4683	3.344	ng		88
19) n-Nitroso-di-n-propyla...	8.964	70	9291	3.595	ng	#	84
20) 3+4-Methylphenols	8.923	107	12640	3.136	ng		94
22) Acetophenone	8.981	105	19376	3.383	ng		94
24) Nitrobenzene	9.369	77	15114	3.518	ng	#	95
25) Isophorone	9.886	82	26521	3.276	ng		98
26) 2-Nitrophenol	10.086	139	5666	2.933	ng	#	89
27) 2,4-Dimethylphenol	10.133	122	10972	3.196	ng		92
28) bis(2-Chloroethoxy)met...	10.368	93	15021	3.380	ng		96
29) 2,4-Dichlorophenol	10.626	162	11108	3.014	ng		92
30) 1,2,4-Trichlorobenzene	10.838	180	15330	3.445	ng		90
31) Naphthalene	11.032	128	40125	3.367	ng		98
32) Benzoic acid	10.280	122	3950m	1.834	ng		
33) 4-Chloroaniline	11.132	127	15048	3.157	ng	#	88
34) Hexachlorobutadiene	11.320	225	12496	3.273	ng		91
35) Caprolactam	11.866	113	2799	2.539	ng	#	79
36) 4-Chloro-3-methylphenol	12.236	107	12438	3.032	ng		95
37) 2-Methylnaphthalene	12.618	142	25810	2.895	ng		96
38) 1-Methylnaphthalene	12.836	142	28728	3.243	ng		94
40) 1,2,4,5-Tetrachloroben...	12.983	216	22320	3.341	ng		99
41) Hexachlorocyclopentadiene	12.971	237	10422	2.176	ng		99
43) 2,4,6-Trichlorophenol	13.212	196	12020	3.065	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	12747	2.898	ng		92
46) 1,1'-Biphenyl	13.611	154	42314	3.431	ng		93
47) 2-Chloronaphthalene	13.658	162	32935	3.390	ng		97
48) 2-Nitroaniline	13.846	65	8815	2.821	ng		97
49) Acenaphthylene	14.498	152	54432	3.280	ng		99
50) Dimethylphthalate	14.211	163	45891	3.384	ng	#	96
51) 2,6-Dinitrotoluene	14.328	165	8468	3.245	ng		96
52) Acenaphthene	14.833	154	32219	3.238	ng		98
53) 3-Nitroaniline	14.663	138	7855	3.050	ng		84
54) 2,4-Dinitrophenol	14.886	184	956	0.703	ng	#	58
55) Dibenzofuran	15.162	168	57404	3.489	ng		96
56) 4-Nitrophenol	14.968	139	4062m	1.988	ng		
57) 2,4-Dinitrotoluene	15.109	165	12517	3.199	ng	#	89
58) Fluorene	15.809	166	44041	3.413	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.386	232	15249	3.514	ng	#	97
60) Diethylphthalate	15.562	149	43914	3.380	ng		97
61) 4-Chlorophenyl-phenyle...	15.797	204	26424	3.412	ng		94
62) 4-Nitroaniline	15.809	138	7236	2.712	ng		87
63) Azobenzene	16.091	77	37140	3.437	ng		93
65) 4,6-Dinitro-2-methylph...	15.873	198	4512	1.906	ng		90
66) n-Nitrosodiphenylamine	16.008	169	38668	3.462	ng		98
67) 4-Bromophenyl-phenylether	16.690	248	18762	3.351	ng		96
68) Hexachlorobenzene	16.813	284	22966	3.385	ng		96
69) Atrazine	16.943	200	16659	3.094	ng		97
70) Pentachlorophenol	17.160	266	7797	2.327	ng	#	89
71) Phenanthrene	17.542	178	78899	3.382	ng		99
72) Anthracene	17.630	178	81343	3.420	ng		99
73) Carbazole	17.894	167	65774	3.217	ng		97
74) Di-n-butylphthalate	18.447	149	78498	3.441	ng		96
75) Fluoranthene	19.534	202	102427	3.211	ng		98
77) Benzidine	19.704	184	48600	3.192	ng		97
78) Pyrene	19.892	202	106360	3.733	ng		98
80) Butylbenzylphthalate	20.762	149	36653	3.657	ng		97
81) Benzo(a)anthracene	21.731	228	114230	3.304	ng		98
82) 3,3'-Dichlorobenzidine	21.637	252	38945	3.061	ng		95
83) Chrysene	21.796	228	110562	3.392	ng		99
84) Bis(2-ethylhexyl)phtha...	21.625	149	52743	3.601	ng	#	97
85) Di-n-octyl phthalate	22.847	149	84966	3.356	ng		100
87) Indeno(1,2,3-cd)pyrene	28.717	276	104236	3.074	ng	#	97
88) Benzo(b)fluoranthene	23.964	252	101445	3.230	ng	#	96
89) Benzo(k)fluoranthene	24.028	252	103401	3.277	ng	#	99
90) Benzo(a)pyrene	24.851	252	95932	3.293	ng	#	94
91) Dibenzo(a,h)anthracene	28.776	278	79916	2.877	ng		97
92) Benzo(g,h,i)perylene	29.869	276	81881	3.063	ng		98

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

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