Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
Data File : BG064821.D
Acq On : 19 Nov 2025 18:44
Operator : RC/JU
Sample : Q3530-07
Misc : LOD-WATER-8PPM
ALS Vial : 12 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 00:24:28 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	8.167	152	39989	20.000	ng		0.00
21) Naphthalene-d8	10.981	136	145997	20.000	ng		0.00
39) Acenaphthene-d10	14.771	164	121140	20.000	ng		0.00
64) Phenanthrene-d10	17.503	188	312185	20.000	ng		0.00
76) Chrysene-d12	21.745	240	389355	20.000	ng		-0.01
86) Perylene-d12	25.006	264	370672	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.699	112	309781	135.273	ng		0.00
7) Phenol-d6	7.309	99	377698	124.004	ng		0.00
23) Nitrobenzene-d5	9.324	82	260534	88.232	ng		0.00
42) 2,4,6-Tribromophenol	16.246	330	295978	125.276	ng		0.00
45) 2-Fluorobiphenyl	13.402	172	748198	86.181	ng		0.00
79) Terphenyl-d14	20.088	244	1880080	94.985	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.525	88	8049	9.079	ng		99
3) Pyridine	3.942	79	19314	7.312	ng		97
4) n-Nitrosodimethylamine	3.848	42	9513	7.076	ng		93
6) Aniline	7.474	93	31182	7.681	ng		97
8) 2-Chlorophenol	7.720	128	20260	8.057	ng		89
9) Benzaldehyde	7.286	77	17555	8.805	ng		91
10) Phenol	7.333	94	24768	7.474	ng		96
11) bis(2-Chloroethyl)ether	7.568	93	17332	7.350	ng		94
12) 1,3-Dichlorobenzene	8.055	146	23578	8.149	ng		93
13) 1,4-Dichlorobenzene	8.196	146	23815	8.083	ng		98
14) 1,2-Dichlorobenzene	8.519	146	22395	7.839	ng		99
15) Benzyl Alcohol	8.396	79	17180	6.872	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.684	45	35516	6.363	ng		92
17) 2-Methylphenol	8.596	107	15960	6.806	ng		96
18) Hexachloroethane	9.260	117	8944	8.015	ng		94
19) n-Nitroso-di-n-propyla...	8.960	70	14961	7.265	ng		88
20) 3+4-Methylphenols	8.919	107	22970	7.151	ng		96
22) Acetophenone	8.984	105	31891	8.018	ng		96
24) Nitrobenzene	9.365	77	23058	7.728	ng		98
25) Isophorone	9.888	82	43126	7.669	ng		98
26) 2-Nitrophenol	10.082	139	10179	7.585	ng		96
27) 2,4-Dimethylphenol	10.135	122	16866	7.074	ng		96
28) bis(2-Chloroethoxy)met...	10.370	93	24107	7.809	ng		95
29) 2,4-Dichlorophenol	10.623	162	18362	7.174	ng		95
30) 1,2,4-Trichlorobenzene	10.840	180	24807	8.026	ng		88
31) Naphthalene	11.028	128	66167	7.995	ng		97
32) Benzoic acid	10.212	122	9453m	6.318	ng		
33) 4-Chloroaniline	11.128	127	25537	7.713	ng	#	92
34) Hexachlorobutadiene	11.316	225	20306	7.657	ng		92
35) Caprolactam	11.863	113	5084	6.641	ng	#	72
36) 4-Chloro-3-methylphenol	12.233	107	22170	7.782	ng		98
37) 2-Methylnaphthalene	12.621	142	42846	6.918	ng		94
38) 1-Methylnaphthalene	12.838	142	46541	7.565	ng		96
40) 1,2,4,5-Tetrachloroben...	12.985	216	36407	7.722	ng		98
41) Hexachlorocyclopentadiene	12.967	237	15946	4.719	ng		95
43) 2,4,6-Trichlorophenol	13.214	196	20144	7.280	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.290	196	20978	6.760	ng		95
46) 1,1'-Biphenyl	13.613	154	68335	7.854	ng		96
47) 2-Chloronaphthalene	13.655	162	51082	7.452	ng		98
48) 2-Nitroaniline	13.848	65	15760	7.148	ng		94
49) Acenaphthylene	14.495	152	88325	7.542	ng		96
50) Dimethylphthalate	14.213	163	77287	8.077	ng		98
51) 2,6-Dinitrotoluene	14.330	165	14151	7.685	ng		94
52) Acenaphthene	14.836	154	54007	7.692	ng		99
53) 3-Nitroaniline	14.659	138	13500	7.428	ng		87
54) 2,4-Dinitrophenol	14.877	184	3645	3.798	ng		97
55) Dibenzofuran	15.165	168	90693	7.813	ng		95
56) 4-Nitrophenol	14.965	139	9777m	6.781	ng		
57) 2,4-Dinitrotoluene	15.112	165	21319	7.723	ng	#	96
58) Fluorene	15.811	166	74427	8.175	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.382	232	26203	8.558	ng	#	94
60) Diethylphthalate	15.564	149	72387	7.897	ng		99
61) 4-Chlorophenyl-phenyle...	15.799	204	43438	7.950	ng		99
62) 4-Nitroaniline	15.811	138	14192	7.538	ng	#	82
63) Azobenzene	16.087	77	61981	8.129	ng		95
65) 4,6-Dinitro-2-methylph...	15.876	198	10243	5.909	ng		92
66) n-Nitrosodiphenylamine	16.005	169	65585	8.021	ng		100
67) 4-Bromophenyl-phenylether	16.686	248	30950	7.549	ng		98
68) Hexachlorobenzene	16.810	284	36538	7.356	ng		99
69) Atrazine	16.939	200	30205	7.661	ng		99
70) Pentachlorophenol	17.150	266	16286	6.639	ng		88
71) Phenanthrene	17.538	178	134435	7.871	ng		98
72) Anthracene	17.632	178	133019	7.637	ng		98
73) Carbazole	17.897	167	118309	7.902	ng		100
74) Di-n-butylphthalate	18.443	149	136705	8.184	ng		99
75) Fluoranthene	19.536	202	179210	7.673	ng		100
77) Benzidine	19.706	184	74593	6.397	ng		98
78) Pyrene	19.894	202	186135	8.530	ng		97
80) Butylbenzylphthalate	20.764	149	65883	8.584	ng		98
81) Benzo(a)anthracene	21.727	228	204137	7.711	ng		99
82) 3,3'-Dichlorobenzidine	21.639	252	72166	7.406	ng		97
83) Chrysene	21.792	228	196424	7.870	ng		98
84) Bis(2-ethylhexyl)phtha...	21.628	149	97360	8.681	ng		98
85) Di-n-octyl phthalate	22.850	149	153912	7.939	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.719	276	188931	7.419	ng	#	72
88) Benzo(b)fluoranthene	23.966	252	186338	7.899	ng		99
89) Benzo(k)fluoranthene	24.037	252	189949	8.015	ng		99
90) Benzo(a)pyrene	24.847	252	173302	7.920	ng	#	98
91) Dibenzo(a,h)anthracene	28.784	278	154586	7.410	ng		94
92) Benzo(g,h,i)perylene	29.883	276	148930	7.417	ng		95

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

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