Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
Data File : BG064830.D
Acq On : 20 Nov 2025 12:12
Operator : RC/JU
Sample : Q3530-08
Misc : LOQ-WATER-5ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 12:47:22 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

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.164	152	45702	20.000	ng		0.00
21) Naphthalene-d8	10.978	136	184081	20.000	ng		0.00
39) Acenaphthene-d10	14.768	164	163509	20.000	ng		0.00
64) Phenanthrene-d10	17.500	188	414049	20.000	ng		0.00
76) Chrysene-d12	21.748	240	501699	20.000	ng		0.00
86) Perylene-d12	25.003	264	481889	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.696	112	286320	109.399	ng		0.00
7) Phenol-d6	7.306	99	393891	113.155	ng		0.00
23) Nitrobenzene-d5	9.321	82	292212	78.486	ng		0.00
42) 2,4,6-Tribromophenol	16.249	330	362663	113.726	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	883652	75.408	ng		0.00
79) Terphenyl-d14	20.085	244	2192173	85.952	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	5205	5.137	ng	#	78
3) Pyridine	3.951	79	12599	4.173	ng	#	82
6) Aniline	7.476	93	19640	4.233	ng		94
8) 2-Chlorophenol	7.723	128	12444	4.330	ng		92
10) Phenol	7.330	94	16041	4.235	ng		100
11) bis(2-Chloroethyl)ether	7.570	93	11710	4.345	ng		84
12) 1,3-Dichlorobenzene	8.052	146	14437	4.366	ng		92
13) 1,4-Dichlorobenzene	8.193	146	14266	4.237	ng		97
14) 1,2-Dichlorobenzene	8.516	146	14447	4.425	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.687	45	23273	3.648	ng		96
17) 2-Methylphenol	8.599	107	10495	3.916	ng	#	92
18) Hexachloroethane	9.257	117	5032	3.946	ng		96
19) n-Nitroso-di-n-propyla...	8.957	70	9658	4.103	ng		92
22) Acetophenone	8.981	105	21107	4.209	ng	#	96
24) Nitrobenzene	9.362	77	15526	4.127	ng	#	94
25) Isophorone	9.891	82	28071	3.959	ng	#	98
26) 2-Nitrophenol	10.085	139	6692	3.955	ng	#	92
27) 2,4-Dimethylphenol	10.138	122	10469	3.483	ng		96
28) bis(2-Chloroethoxy)met...	10.367	93	16893	4.340	ng	#	93
29) 2,4-Dichlorophenol	10.626	162	12199	3.780	ng		95
30) 1,2,4-Trichlorobenzene	10.837	180	16278	4.177	ng		98
31) Naphthalene	11.025	128	43005	4.121	ng		99
33) 4-Chloroaniline	11.131	127	16755	4.014	ng		97
34) Hexachlorobutadiene	11.319	225	13388	4.004	ng		97
36) 4-Chloro-3-methylphenol	12.230	107	13926	3.877	ng		98
37) 2-Methylnaphthalene	12.623	142	29013	3.715	ng		96
38) 1-Methylnaphthalene	12.835	142	30963	3.992	ng		99
40) 1,2,4,5-Tetrachloroben...	12.982	216	25305	3.977	ng		99
43) 2,4,6-Trichlorophenol	13.217	196	13430m	3.596	ng		
44) 2,4,5-Trichlorophenol	13.287	196	16363	3.906	ng		93
46) 1,1'-Biphenyl	13.610	154	47467	4.042	ng		98
47) 2-Chloronaphthalene	13.657	162	37142	4.014	ng		98
48) 2-Nitroaniline	13.845	65	11165	3.752	ng		88
49) Acenaphthylene	14.492	152	62443	3.951	ng		98
50) Dimethylphthalate	14.210	163	53401	4.134	ng		99
51) 2,6-Dinitrotoluene	14.327	165	10026	4.034	ng	#	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.833	154	37370	3.943	ng		97
53) 3-Nitroaniline	14.662	138	9022	3.678	ng	#	92
55) Dibenzofuran	15.167	168	64576	4.122	ng		95
57) 2,4-Dinitrotoluene	15.115	165	14159	3.800	ng	#	95
58) Fluorene	15.808	166	50597	4.117	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.385	232	17029	4.120	ng	#	96
60) Diethylphthalate	15.567	149	50837	4.109	ng		99
61) 4-Chlorophenyl-phenyle...	15.796	204	30104	4.082	ng		98
62) 4-Nitroaniline	15.814	138	8219	3.234	ng	#	78
63) Azobenzene	16.090	77	42947	4.173	ng		93
66) n-Nitrosodiphenylamine	16.008	169	44372	4.091	ng		96
67) 4-Bromophenyl-phenylether	16.689	248	23630	4.346	ng		93
68) Hexachlorobenzene	16.813	284	27135	4.119	ng		99
69) Atrazine	16.936	200	20642	3.948	ng		99
71) Phenanthrene	17.541	178	95398	4.211	ng		99
72) Anthracene	17.629	178	93547	4.050	ng		98
73) Carbazole	17.894	167	79979	4.028	ng		98
74) Di-n-butylphthalate	18.446	149	92252	4.164	ng		98
75) Fluoranthene	19.533	202	124652	4.024	ng		99
78) Pyrene	19.891	202	129724	4.614	ng		97
80) Butylbenzylphthalate	20.761	149	43852	4.434	ng		96
81) Benzo(a)anthracene	21.724	228	138561	4.062	ng		99
83) Chrysene	21.795	228	135518	4.214	ng		99
84) Bis(2-ethylhexyl)phtha...	21.625	149	64771	4.482	ng		99
87) Indeno(1,2,3-cd)pyrene	28.716	276	130095	3.929	ng	#	98
88) Benzo(b)fluoranthene	23.963	252	121178m	3.951	ng		
89) Benzo(k)fluoranthene	24.034	252	128765	4.179	ng		99
90) Benzo(a)pyrene	24.844	252	117121	4.117	ng	#	96
91) Dibenzo(a,h)anthracene	28.781	278	104371	3.848	ng	#	98
92) Benzo(g,h,i)perylene	29.874	276	100780	3.861	ng	#	96

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

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