

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
 Data File : BG064295.D
 Acq On : 5 Sep 2025 16:30
 Operator : RC/JU
 Sample : Q2126-09
 Misc : MDL-WATER 8PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: Sep 05 17:21:15 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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	26748	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	113648	20.000	ng	# 0.00
39) Acenaphthene-d10	14.477	164	85122	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	212184	20.000	ng	# 0.00
76) Chrysene-d12	21.445	240	230161	20.000	ng	# 0.00
86) Perylene-d12	24.459	264	250643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	167806	112.554	ng	0.00
7) Phenol-d6	7.021	99	238757	116.567	ng	0.00
23) Nitrobenzene-d5	9.007	82	184882	90.727	ng	0.00
42) 2,4,6-Tribromophenol	15.964	330	163541	145.050	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	475719	85.303	ng	0.00
79) Terphenyl-d14	19.841	244	1014272	91.941	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	4429	7.127	ng	88
3) Pyridine	3.748	79	11430	6.249	ng	# 53
4) n-Nitrosodimethylamine	3.660	42	8730	7.215	ng	93
6) Aniline	7.180	93	19461	6.871	ng	96
8) 2-Chlorophenol	7.421	128	12355	6.782	ng	97
9) Benzaldehyde	6.998	77	11586	6.874	ng	98
10) Phenol	7.045	94	15077	6.677	ng	# 77
11) bis(2-Chloroethyl)ether	7.280	93	10672	6.289	ng	98
12) 1,3-Dichlorobenzene	7.744	146	14204	7.329	ng	88
13) 1,4-Dichlorobenzene	7.891	146	14482	7.404	ng	94
14) 1,2-Dichlorobenzene	8.208	146	13975	7.403	ng	91
15) Benzyl Alcohol	8.085	79	13770	7.285	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.384	45	22278	5.750	ng	98
17) 2-Methylphenol	8.290	107	11438	6.796	ng	88
18) Hexachloroethane	8.931	117	5764	7.549	ng	# 60
19) n-Nitroso-di-n-propyla...	8.649	70	10722	6.840	ng	88
20) 3+4-Methylphenols	8.613	107	15384	6.578	ng	94
22) Acetophenone	8.666	105	22372	7.781	ng	# 86
24) Nitrobenzene	9.042	77	16850	7.914	ng	93
25) Isophorone	9.565	82	30625	7.231	ng	100
26) 2-Nitrophenol	9.753	139	6752	7.339	ng	97
27) 2,4-Dimethylphenol	9.818	122	12823	7.939	ng	92
28) bis(2-Chloroethoxy)met...	10.047	93	16345	7.157	ng	92
29) 2,4-Dichlorophenol	10.288	162	12832	7.530	ng	94
30) 1,2,4-Trichlorobenzene	10.499	180	14213	7.910	ng	98
31) Naphthalene	10.687	128	43616	7.401	ng	# 94
32) Benzoic acid	9.912	122	7512m	5.859	ng	
33) 4-Chloroaniline	10.793	127	18592	8.140	ng	99
34) Hexachlorobutadiene	10.975	225	11551	8.696	ng	96
35) Caprolactam	11.539	113	5185	7.857	ng	# 78
36) 4-Chloro-3-methylphenol	11.921	107	16949	7.665	ng	95
37) 2-Methylnaphthalene	12.297	142	29700	6.780	ng	96
38) 1-Methylnaphthalene	12.515	142	32143	7.429	ng	99
40) 1,2,4,5-Tetrachloroben...	12.667	216	18858	7.678	ng	98
41) Hexachlorocyclopentadiene	12.650	237	10318	8.839	ng	79
43) 2,4,6-Trichlorophenol	12.908	196	12971	7.902	ng	99

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44) 2,4,5-Trichlorophenol	12.979	196	13746	7.719	ng	92
46) 1,1'-Biphenyl	13.308	154	48011	7.744	ng	92
47) 2-Chloronaphthalene	13.349	162	34009	7.297	ng	98
48) 2-Nitroaniline	13.549	65	11974	7.537	ng	97
49) Acenaphthylene	14.195	152	58366	8.471	ng	# 94
50) Dimethylphthalate	13.931	163	49374	7.663	ng	99
51) 2,6-Dinitrotoluene	14.048	165	9976	7.998	ng	95
52) Acenaphthene	14.542	154	36563	7.520	ng	97
53) 3-Nitroaniline	14.371	138	10311	7.892	ng	86
54) 2,4-Dinitrophenol	14.583	184	4529	10.816	ng	91
55) Dibenzofuran	14.877	168	60299	7.884	ng	97
56) 4-Nitrophenol	14.689	139	6761	6.308	ng	# 90
57) 2,4-Dinitrotoluene	14.835	165	15469	8.202	ng	# 94
58) Fluorene	15.523	166	49775	7.940	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.106	232	14487	8.458	ng	# 93
60) Diethylphthalate	15.300	149	54921	7.965	ng	98
61) 4-Chlorophenyl-phenyle...	15.517	204	25295	8.093	ng	98
62) 4-Nitroaniline	15.535	138	10276	7.708	ng	# 78
63) Azobenzene	15.811	77	46278	7.530	ng	97
65) 4,6-Dinitro-2-methylph...	15.599	198	9262	7.603	ng	88
66) n-Nitrosodiphenylamine	15.734	169	42548	7.289	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	18714	8.304	ng	90
68) Hexachlorobenzene	16.528	284	19201	7.672	ng	91
69) Atrazine	16.680	200	18911	7.759	ng	98
70) Pentachlorophenol	16.874	266	11109	7.321	ng	96
71) Phenanthrene	17.262	178	84547	7.555	ng	97
72) Anthracene	17.350	178	86382	7.588	ng	99
73) Carbazole	17.615	167	75013	7.480	ng	99
74) Di-n-butylphthalate	18.190	149	92515	7.679	ng	99
75) Fluoranthene	19.271	202	100810	7.661	ng	96
77) Benzidine	19.454	184	47153	9.739	ng	97
78) Pyrene	19.630	202	104392	7.199	ng	98
80) Butylbenzylphthalate	20.529	149	40558	7.416	ng	97
81) Benzo(a)anthracene	21.434	228	109733	7.452	ng	98
82) 3,3'-Dichlorobenzidine	21.351	252	39693	8.277	ng	98
83) Chrysene	21.492	228	103262	7.305	ng	99
84) Bis(2-ethylhexyl)phtha...	21.357	149	61581	7.500	ng	99
85) Di-n-octyl phthalate	22.497	149	100896	7.052	ng	99
87) Indeno(1,2,3-cd)pyrene	27.838	276	125790	7.349	ng	96
88) Benzo(b)fluoranthene	23.508	252	106598m	7.536	ng	
89) Benzo(k)fluoranthene	23.572	252	106452	7.387	ng	# 96
90) Benzo(a)pyrene	24.313	252	104506	7.942	ng	98
91) Dibenzo(a,h)anthracene	27.891	278	105589	7.683	ng	# 96
92) Benzo(g,h,i)perylene	28.884	276	101612	7.598	ng	# 93

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

