Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064268.D
Acq On : 4 Sep 2025 1:21
Operator : RC/JU
Sample : Q2126-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 04 02:09:10 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

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.859	152	35341	20.000	ng		0.00
21) Naphthalene-d8	10.638	136	162848	20.000	ng		-0.01
39) Acenaphthene-d10	14.480	164	115077	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	226024	20.000	ng		0.00
76) Chrysene-d12	21.443	240	230554	20.000	ng		-0.01
86) Perylene-d12	24.451	264	244028	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.438	112	273379	138.781	ng		0.00
7) Phenol-d6	7.024	99	403924	149.256	ng		0.00
23) Nitrobenzene-d5	9.004	82	305067	104.476	ng		-0.01
42) 2,4,6-Tribromophenol	15.967	330	198502	130.230	ng		0.00
45) 2-Fluorobiphenyl	13.106	172	750120	99.494	ng		0.00
79) Terphenyl-d14	19.839	244	1136372	102.834	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	3811	4.642	ng		90
3) Pyridine	3.752	79	9595	3.970	ng	#	54
4) n-Nitrosodimethylamine	3.670	42	6717	4.202	ng	#	95
6) Aniline	7.183	93	17756	4.745	ng	#	89
8) 2-Chlorophenol	7.424	128	11042	4.587	ng		96
9) Benzaldehyde	6.995	77	11184	5.022	ng		90
10) Phenol	7.048	94	13500	4.525	ng		87
11) bis(2-Chloroethyl)ether	7.277	93	10029	4.473	ng		96
12) 1,3-Dichlorobenzene	7.741	146	11343m	4.429	ng		
13) 1,4-Dichlorobenzene	7.888	146	12844	4.970	ng		93
14) 1,2-Dichlorobenzene	8.205	146	11793m	4.728	ng		
15) Benzyl Alcohol	8.088	79	11216	4.491	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.376	45	21089	4.120	ng		97
17) 2-Methylphenol	8.294	107	9746	4.383	ng		91
18) Hexachloroethane	8.940	117	4555	4.515	ng		96
19) n-Nitroso-di-n-propyla...	8.652	70	9175	4.430	ng		99
20) 3+4-Methylphenols	8.617	107	12517	4.051	ng		90
22) Acetophenone	8.670	105	19418	4.713	ng	#	95
24) Nitrobenzene	9.046	77	14522	4.760	ng		96
25) Isophorone	9.569	82	25635	4.224	ng		97
26) 2-Nitrophenol	9.762	139	5907	4.481	ng		89
27) 2,4-Dimethylphenol	9.815	122	10471	4.524	ng		92
28) bis(2-Chloroethoxy)met...	10.050	93	14700	4.492	ng		94
29) 2,4-Dichlorophenol	10.291	162	9833	4.027	ng		88
30) 1,2,4-Trichlorobenzene	10.503	180	12107	4.702	ng		90
31) Naphthalene	10.691	128	36464	4.318	ng		100
32) Benzoic acid	9.945	122	2640m	1.437	ng		
33) 4-Chloroaniline	10.802	127	15329	4.684	ng		97
34) Hexachlorobutadiene	10.985	225	9034	4.746	ng		88
35) Caprolactam	11.537	113	3083	3.260	ng	#	85
36) 4-Chloro-3-methylphenol	11.919	107	12506	3.947	ng		95
37) 2-Methylnaphthalene	12.301	142	23999	3.823	ng		90
38) 1-Methylnaphthalene	12.518	142	27813m	4.486	ng		
40) 1,2,4,5-Tetrachloroben...	12.671	216	14690	4.424	ng		97
41) Hexachlorocyclopentadiene	12.653	237	6939	4.397	ng		79
43) 2,4,6-Trichlorophenol	12.912	196	10120	4.560	ng	#	78

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.976	196	10424	4.330	ng	#	78
46) 1,1'-Biphenyl	13.311	154	39034	4.657	ng		97
47) 2-Chloronaphthalene	13.352	162	28179	4.472	ng		92
48) 2-Nitroaniline	13.558	65	8698	4.050	ng		89
49) Acenaphthylene	14.198	152	45002	4.831	ng		95
50) Dimethylphthalate	13.934	163	35972	4.130	ng		97
51) 2,6-Dinitrotoluene	14.046	165	7321	4.342	ng		91
52) Acenaphthene	14.539	154	28384	4.318	ng		94
53) 3-Nitroaniline	14.375	138	6461	3.658	ng	#	77
54) 2,4-Dinitrophenol	14.598	184	1949	7.295	ng	#	62
55) Dibenzofuran	14.874	168	45124	4.364	ng		96
56) 4-Nitrophenol	14.698	139	3268	2.255	ng	#	86
57) 2,4-Dinitrotoluene	14.833	165	9703	3.806	ng	#	95
58) Fluorene	15.526	166	37086	4.376	ng	#	98
59) 2,3,4,6-Tetrachlorophenol	15.103	232	9181	3.965	ng	#	95
60) Diethylphthalate	15.297	149	33807	3.627	ng		99
61) 4-Chlorophenyl-phenyle...	15.520	204	18317	4.335	ng		91
62) 4-Nitroaniline	15.538	138	5489	3.045	ng		92
63) Azobenzene	15.814	77	33491	4.031	ng		94
65) 4,6-Dinitro-2-methylph...	15.597	198	4835	3.726	ng		95
66) n-Nitrosodiphenylamine	15.732	169	29684	4.774	ng		91
67) 4-Bromophenyl-phenylether	16.413	248	11900	4.957	ng		98
68) Hexachlorobenzene	16.525	284	13404	5.028	ng	#	87
69) Atrazine	16.684	200	10961	4.222	ng		95
70) Pentachlorophenol	16.872	266	5950	3.681	ng		89
71) Phenanthrene	17.260	178	52250	4.383	ng		98
72) Anthracene	17.348	178	53255	4.392	ng		99
73) Carbazole	17.618	167	42040	3.935	ng		96
74) Di-n-butylphthalate	18.188	149	54494	4.246	ng		99
75) Fluoranthene	19.269	202	59940	4.276	ng		96
77) Benzidine	19.451	184	20094	4.143	ng		96
78) Pyrene	19.627	202	61259	4.217	ng		96
80) Butylbenzylphthalate	20.526	149	25092	4.580	ng		96
81) Benzo(a)anthracene	21.425	228	64950	4.403	ng		98
82) 3,3'-Dichlorobenzidine	21.355	252	22189	4.619	ng		93
83) Chrysene	21.490	228	63586	4.490	ng		95
84) Bis(2-ethylhexyl)phtha...	21.355	149	38072	4.629	ng	#	95
85) Di-n-octyl phthalate	22.495	149	64624	4.509	ng		98
87) Indeno(1,2,3-cd)pyrene	27.829	276	73564	4.414	ng		95
88) Benzo(b)fluoranthene	23.499	252	61585	4.472	ng		98
89) Benzo(k)fluoranthene	23.564	252	63880	4.553	ng	#	95
90) Benzo(a)pyrene	24.316	252	59730	4.662	ng		95
91) Dibenzo(a,h)anthracene	27.888	278	59792	4.469	ng		98
92) Benzo(g,h,i)perylene	28.875	276	60440	4.642	ng		97

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

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