Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064223.D
Acq On : 28 Aug 2025 14:55
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 28 18:40:53 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 :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	33981	20.000	ng		0.00
21) Naphthalene-d8	10.646	136	162789	20.000	ng		0.00
39) Acenaphthene-d10	14.483	164	113459	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	260584	20.000	ng		0.00
76) Chrysene-d12	21.457	240	265427	20.000	ng		0.00
86) Perylene-d12	24.465	264	291787	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	182705	96.463	ng		0.00
7) Phenol-d6	7.027	99	258550	99.362	ng		0.00
23) Nitrobenzene-d5	9.012	82	290513	99.528	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	148084	98.538	ng		0.00
45) 2-Fluorobiphenyl	13.108	172	730952	98.334	ng		0.00
79) Terphenyl-d14	19.841	244	1218425	95.772	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	36549	46.296	ng		91
3) Pyridine	3.748	79	111747	48.087	ng	#	62
4) n-Nitrosodimethylamine	3.666	42	76108	49.514	ng		95
6) Aniline	7.185	93	182696	50.772	ng		98
8) 2-Chlorophenol	7.420	128	115532	49.917	ng		95
9) Benzaldehyde	6.997	77	101310m	47.310	ng		
10) Phenol	7.050	94	147768	51.508	ng		98
11) bis(2-Chloroethyl)ether	7.285	93	106590	49.444	ng		95
12) 1,3-Dichlorobenzene	7.749	146	118413	48.091	ng		93
13) 1,4-Dichlorobenzene	7.890	146	121131	48.745	ng		98
14) 1,2-Dichlorobenzene	8.208	146	115952	48.346	ng		97
15) Benzyl Alcohol	8.096	79	121664	50.666	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.378	45	240049	48.772	ng		97
17) 2-Methylphenol	8.296	107	103441	48.380	ng		95
18) Hexachloroethane	8.936	117	48573	50.074	ng		92
19) n-Nitroso-di-n-propyla...	8.666	70	102918	51.679	ng		93
20) 3+4-Methylphenols	8.625	107	148663	50.040	ng		95
22) Acetophenone	8.678	105	201707	48.977	ng	#	99
24) Nitrobenzene	9.054	77	153531	50.343	ng		100
25) Isophorone	9.577	82	298308	49.174	ng		98
26) 2-Nitrophenol	9.759	139	67834	51.476	ng		87
27) 2,4-Dimethylphenol	9.823	122	112443	48.601	ng		99
28) bis(2-Chloroethoxy)met...	10.058	93	158665	48.505	ng		95
29) 2,4-Dichlorophenol	10.293	162	121661	49.838	ng		96
30) 1,2,4-Trichlorobenzene	10.511	180	125532	48.771	ng		99
31) Naphthalene	10.699	128	408504	48.392	ng		98
32) Benzoic acid	9.982	122	100402m	54.670	ng		
33) 4-Chloroaniline	10.799	127	167341	51.147	ng		99
34) Hexachlorobutadiene	10.987	225	91046	47.853	ng		90
35) Caprolactam	11.586	113	45631	48.275	ng	#	87
36) 4-Chloro-3-methylphenol	11.927	107	157192	49.630	ng		94
37) 2-Methylnaphthalene	12.309	142	308014	49.089	ng		97
38) 1-Methylnaphthalene	12.526	142	299438	48.315	ng		98
40) 1,2,4,5-Tetrachloroben...	12.673	216	164947	50.386	ng		98
41) Hexachlorocyclopentadiene	12.655	237	82228	52.851	ng		99
43) 2,4,6-Trichlorophenol	12.914	196	108841	49.743	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	120763	50.879	ng		97
46) 1,1'-Biphenyl	13.319	154	410868	49.719	ng		99
47) 2-Chloronaphthalene	13.360	162	310870	50.039	ng		99
48) 2-Nitroaniline	13.560	65	111792	52.795	ng		97
49) Acenaphthylene	14.206	152	455916	49.644	ng		99
50) Dimethylphthalate	13.942	163	414776	48.298	ng		99
51) 2,6-Dinitrotoluene	14.054	165	85196	51.244	ng		94
52) Acenaphthene	14.547	154	320309	49.423	ng		96
53) 3-Nitroaniline	14.383	138	89170	51.202	ng		99
54) 2,4-Dinitrophenol	14.588	184	52115	50.240	ng		87
55) Dibenzofuran	14.882	168	499696	49.018	ng		98
56) 4-Nitrophenol	14.694	139	73126	51.188	ng		93
57) 2,4-Dinitrotoluene	14.841	165	127679	50.791	ng	#	98
58) Fluorene	15.534	166	401649	48.071	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.105	232	117168	51.324	ng		97
60) Diethylphthalate	15.311	149	435581	47.393	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	204160	49.008	ng		99
62) 4-Nitroaniline	15.552	138	94189	53.002	ng		96
63) Azobenzene	15.816	77	399233	48.736	ng		97
65) 4,6-Dinitro-2-methylph...	15.605	198	78644	52.566	ng		97
66) n-Nitrosodiphenylamine	15.740	169	353288	49.284	ng		98
67) 4-Bromophenyl-phenylether	16.416	248	137844	49.804	ng		94
68) Hexachlorobenzene	16.533	284	150620	49.006	ng		92
69) Atrazine	16.692	200	145808	48.714	ng		96
70) Pentachlorophenol	16.874	266	96347	51.699	ng	#	88
71) Phenanthrene	17.268	178	664429	48.343	ng		98
72) Anthracene	17.356	178	673083	48.144	ng		99
73) Carbazole	17.626	167	597673	48.528	ng		99
74) Di-n-butylphthalate	18.196	149	713842	48.243	ng		98
75) Fluoranthene	19.277	202	767254	47.477	ng		97
77) Benzidine	19.459	184	255340	45.730	ng		100
78) Pyrene	19.635	202	806963	48.257	ng		99
80) Butylbenzylphthalate	20.534	149	314706	49.896	ng		98
81) Benzo(a)anthracene	21.433	228	828398	48.784	ng		99
82) 3,3'-Dichlorobenzidine	21.357	252	272006	49.185	ng		97
83) Chrysene	21.498	228	798825	49.001	ng		100
84) Bis(2-ethylhexyl)phtha...	21.363	149	472845	49.934	ng		98
85) Di-n-octyl phthalate	22.508	149	814659	49.375	ng		99
87) Indeno(1,2,3-cd)pyrene	27.867	276	983131	49.338	ng	#	96
88) Benzo(b)fluoranthene	23.519	252	805106	48.889	ng		99
89) Benzo(k)fluoranthene	23.584	252	825274	49.190	ng		98
90) Benzo(a)pyrene	24.330	252	763697	49.853	ng		99
91) Dibenzo(a,h)anthracene	27.920	278	793072	49.569	ng		98
92) Benzo(g,h,i)perylene	28.924	276	760245	48.833	ng		99

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

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