Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064672.D
Acq On : 3 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 00:36:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.207	152	31906	20.000	ng		-0.02
21) Naphthalene-d8	11.039	136	126610	20.000	ng		-0.01
39) Acenaphthene-d10	14.834	164	99069	20.000	ng		-0.01
64) Phenanthrene-d10	17.572	188	239125	20.000	ng		-0.01
76) Chrysene-d12	21.850	240	279624	20.000	ng		#-0.01
86) Perylene-d12	25.187	264	296512	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.745	112	150502	79.175	ng		0.00
7) Phenol-d6	7.349	99	206632	79.218	ng		0.00
23) Nitrobenzene-d5	9.376	82	203853	96.706	ng		-0.01
42) 2,4,6-Tribromophenol	16.315	330	135357	94.664	ng		0.00
45) 2-Fluorobiphenyl	13.460	172	554808	84.885	ng		-0.02
79) Terphenyl-d14	20.163	244	1248220	84.242	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.577	88	29669	35.254	ng		97
3) Pyridine	3.994	79	86582	34.259	ng		96
4) n-Nitrosodimethylamine	3.894	42	49934	36.844	ng		91
6) Aniline	7.519	93	133395	37.583	ng		97
8) 2-Chlorophenol	7.772	128	85239	42.842	ng		95
9) Benzaldehyde	7.337	77	52532	36.890	ng		94
10) Phenol	7.378	94	110747	38.392	ng		95
11) bis(2-Chloroethyl)ether	7.613	93	80398	37.908	ng		96
12) 1,3-Dichlorobenzene	8.101	146	93398	40.785	ng		99
13) 1,4-Dichlorobenzene	8.248	146	96208	41.318	ng		93
14) 1,2-Dichlorobenzene	8.571	146	89654	39.919	ng		95
15) Benzyl Alcohol	8.442	79	86133	40.045	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.730	45	218798	39.329	ng		99
17) 2-Methylphenol	8.642	107	76719	40.057	ng		94
18) Hexachloroethane	9.311	117	34298	41.974	ng		94
19) n-Nitroso-di-n-propyla...	9.018	70	72526	40.233	ng		98
20) 3+4-Methylphenols	8.971	107	102186	37.939	ng		97
22) Acetophenone	9.035	105	139475	40.299	ng		99
24) Nitrobenzene	9.417	77	106572	46.482	ng		98
25) Isophorone	9.952	82	201448	39.826	ng		98
26) 2-Nitrophenol	10.134	139	43169	48.747	ng	#	91
27) 2,4-Dimethylphenol	10.187	122	77748	41.322	ng		95
28) bis(2-Chloroethoxy)met...	10.422	93	112890	39.199	ng		97
29) 2,4-Dichlorophenol	10.675	162	87240	43.085	ng		98
30) 1,2,4-Trichlorobenzene	10.892	180	96502	41.946	ng		96
31) Naphthalene	11.086	128	292620	41.686	ng		98
32) Benzoic acid	10.293	122	58136m	41.507	ng		
33) 4-Chloroaniline	11.180	127	108356	39.714	ng		99
34) Hexachlorobutadiene	11.380	225	79438	44.151	ng		97
35) Caprolactam	11.950	113	28274	36.407	ng	#	93
36) 4-Chloro-3-methylphenol	12.290	107	102839	42.253	ng		99
37) 2-Methylnaphthalene	12.678	142	219278	42.547	ng		96
38) 1-Methylnaphthalene	12.895	142	214494	42.041	ng		96
40) 1,2,4,5-Tetrachloroben...	13.042	216	142325	42.807	ng		100
41) Hexachlorocyclopentadiene	13.025	237	72036	48.136	ng		97
43) 2,4,6-Trichlorophenol	13.271	196	88543	46.557	ng		100

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44) 2,4,5-Trichlorophenol	13.342	196	97521	44.435	ng		98
46) 1,1'-Biphenyl	13.671	154	292646	41.551	ng		98
47) 2-Chloronaphthalene	13.718	162	226377	42.581	ng		98
48) 2-Nitroaniline	13.906	65	77449	43.704	ng		94
49) Acenaphthylene	14.558	152	351856	41.959	ng		98
50) Dimethylphthalate	14.276	163	313912	41.409	ng		99
51) 2,6-Dinitrotoluene	14.394	165	55358	44.506	ng		99
52) Acenaphthene	14.899	154	244659	42.704	ng		98
53) 3-Nitroaniline	14.723	138	62899	48.280	ng		93
54) 2,4-Dinitrophenol	14.922	184	33925	46.693	ng	#	47
55) Dibenzofuran	15.228	168	382299	41.274	ng		96
56) 4-Nitrophenol	15.011	139	48108	39.829	ng		93
57) 2,4-Dinitrotoluene	15.175	165	89273	46.277	ng		99
58) Fluorene	15.874	166	297866	41.178	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.451	232	98694	47.027	ng		98
60) Diethylphthalate	15.633	149	315813	40.801	ng		99
61) 4-Chlorophenyl-phenyle...	15.863	204	173330	42.698	ng		98
62) 4-Nitroaniline	15.880	138	67624	46.657	ng		91
63) Azobenzene	16.156	77	283949	39.981	ng		99
65) 4,6-Dinitro-2-methylph...	15.939	198	53789	50.767	ng		95
66) n-Nitrosodiphenylamine	16.074	169	270553	41.885	ng		99
67) 4-Bromophenyl-phenylether	16.756	248	123236	43.489	ng		98
68) Hexachlorobenzene	16.879	284	142836	44.183	ng		94
69) Atrazine	17.014	200	115628	41.597	ng		98
70) Pentachlorophenol	17.214	266	93212	46.238	ng		96
71) Phenanthrene	17.613	178	551558	42.178	ng		100
72) Anthracene	17.707	178	556268	41.818	ng		100
73) Carbazole	17.966	167	493303	42.055	ng		98
74) Di-n-butylphthalate	18.518	149	584049	43.058	ng		99
75) Fluoranthene	19.611	202	708849	43.270	ng		98
77) Benzidine	19.776	184	255343	40.759	ng		99
78) Pyrene	19.970	202	740926	40.556	ng		99
80) Butylbenzylphthalate	20.845	149	255451	46.264	ng		96
81) Benzo(a)anthracene	21.826	228	790852	42.655	ng		99
82) 3,3'-Dichlorobenzidine	21.732	252	273071	44.105	ng		100
83) Chrysene	21.897	228	738048	41.835	ng		99
84) Bis(2-ethylhexyl)phtha...	21.732	149	368117	44.617	ng		100
85) Di-n-octyl phthalate	22.984	149	625946	44.998	ng		99
87) Indeno(1,2,3-cd)pyrene	29.018	276	915587	41.975	ng		98
88) Benzo(b)fluoranthene	24.123	252	774349	42.589	ng		98
89) Benzo(k)fluoranthene	24.194	252	751814	41.321	ng		98
90) Benzo(a)pyrene	25.028	252	699715	41.866	ng		99
91) Dibenzo(a,h)anthracene	29.082	278	746131	42.104	ng		97
92) Benzo(g,h,i)perylene	30.210	276	703279	41.544	ng		98

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

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