Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064305.D
Acq On : 8 Sep 2025 13:35
Operator : RC/JU
Sample : Q3023-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 08 14:19:39 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 :
TP-1MS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	30392	20.000	ng		-0.01
21) Naphthalene-d8	10.638	136	125752	20.000	ng		#-0.01
39) Acenaphthene-d10	14.475	164	90552	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	210960	20.000	ng		# 0.00
76) Chrysene-d12	21.449	240	245065	20.000	ng		# 0.00
86) Perylene-d12	24.451	264	277668	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.438	112	159820	94.345	ng		0.00
7) Phenol-d6	7.025	99	209280	89.925	ng		0.00
23) Nitrobenzene-d5	9.005	82	147353	65.350	ng		-0.01
42) 2,4,6-Tribromophenol	15.967	330	133449	111.263	ng		0.00
45) 2-Fluorobiphenyl	13.100	172	358256	60.388	ng		-0.01
79) Terphenyl-d14	19.833	244	725368	61.754	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	24178	34.243	ng		91
3) Pyridine	3.740	79	62629	30.133	ng	#	59
4) n-Nitrosodimethylamine	3.658	42	59773	43.479	ng		94
6) Aniline	7.177	93	96803	30.079	ng		98
8) 2-Chlorophenol	7.418	128	87835	42.432	ng		97
9) Benzaldehyde	6.989	77	60257	31.462	ng		92
10) Phenol	7.048	94	104627	40.777	ng		79
11) bis(2-Chloroethyl)ether	7.271	93	71670	37.171	ng		97
12) 1,3-Dichlorobenzene	7.735	146	96097	43.637	ng		98
13) 1,4-Dichlorobenzene	7.882	146	98942	44.517	ng		95
14) 1,2-Dichlorobenzene	8.206	146	95156	44.361	ng		89
15) Benzyl Alcohol	8.082	79	89590	41.715	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.370	45	136597	31.030	ng		99
17) 2-Methylphenol	8.294	107	76707	40.113	ng		95
18) Hexachloroethane	8.928	117	35982	41.474	ng		85
19) n-Nitroso-di-n-propyla...	8.652	70	66645	37.417	ng		99
20) 3+4-Methylphenols	8.617	107	103038	38.778	ng		96
22) Acetophenone	8.670	105	151002	47.464	ng	#	97
24) Nitrobenzene	9.046	77	100925	42.840	ng		95
25) Isophorone	9.569	82	185484	39.581	ng		98
26) 2-Nitrophenol	9.751	139	50191	49.306	ng	#	87
27) 2,4-Dimethylphenol	9.815	122	86858	48.600	ng		98
28) bis(2-Chloroethoxy)met...	10.050	93	101164	40.035	ng		92
29) 2,4-Dichlorophenol	10.285	162	88820	47.101	ng		94
30) 1,2,4-Trichlorobenzene	10.503	180	98199	49.388	ng		99
31) Naphthalene	10.685	128	282409	43.308	ng		97
32) Benzoic acid	9.980	122	69184	48.766	ng		91
33) 4-Chloroaniline	10.791	127	53824	21.296	ng		96
34) Hexachlorobutadiene	10.979	225	75156	51.136	ng		93
35) Caprolactam	11.566	113	28329m	38.798	ng		
36) 4-Chloro-3-methylphenol	11.925	107	108703	44.429	ng		93
37) 2-Methylnaphthalene	12.295	142	187044	38.590	ng		97
38) 1-Methylnaphthalene	12.518	142	195291	40.791	ng		98
40) 1,2,4,5-Tetrachloroben...	12.671	216	134067	51.313	ng		97
41) Hexachlorocyclopentadiene	12.653	237	173300	139.563	ng		91
43) 2,4,6-Trichlorophenol	12.906	196	81684	46.775	ng		96

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44) 2,4,5-Trichlorophenol	12.976	196	89900	47.457	ng		97
46) 1,1'-Biphenyl	13.311	154	318516	48.294	ng		98
47) 2-Chloronaphthalene	13.352	162	211693	42.695	ng		94
48) 2-Nitroaniline	13.552	65	77718	45.988	ng		91
49) Acenaphthylene	14.198	152	362680	49.482	ng		100
50) Dimethylphthalate	13.934	163	283194	41.318	ng		98
51) 2,6-Dinitrotoluene	14.052	165	63181	47.615	ng		94
52) Acenaphthene	14.539	154	214392	41.448	ng		98
53) 3-Nitroaniline	14.381	138	41146	29.603	ng		96
54) 2,4-Dinitrophenol	14.586	184	88030	100.020	ng	#	78
55) Dibenzofuran	14.874	168	349391	42.944	ng		99
56) 4-Nitrophenol	14.698	139	110381	96.813	ng	#	81
57) 2,4-Dinitrotoluene	14.839	165	97028	48.362	ng		91
58) Fluorene	15.526	166	289606	43.429	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.103	232	95014	52.149	ng		96
60) Diethylphthalate	15.303	149	311954	42.528	ng		99
61) 4-Chlorophenyl-phenyle...	15.520	204	150434	45.246	ng		98
62) 4-Nitroaniline	15.544	138	65990	46.528	ng		89
63) Azobenzene	15.808	77	294026	44.973	ng		96
65) 4,6-Dinitro-2-methylph...	15.603	198	63714	52.605	ng		95
66) n-Nitrosodiphenylamine	15.732	169	260036	44.808	ng		97
67) 4-Bromophenyl-phenylether	16.414	248	103896	46.369	ng		97
68) Hexachlorobenzene	16.525	284	118858	47.768	ng		97
69) Atrazine	16.684	200	118744	49.004	ng		98
70) Pentachlorophenol	16.872	266	162602	107.775	ng		94
71) Phenanthrene	17.260	178	499779	44.917	ng		99
72) Anthracene	17.348	178	506643	44.763	ng		100
73) Carbazole	17.618	167	466361	46.773	ng		98
74) Di-n-butylphthalate	18.188	149	559246	46.685	ng		99
75) Fluoranthene	19.269	202	630578	48.198	ng		97
77) Benzidine	19.457	184	264544	51.315	ng		98
78) Pyrene	19.633	202	660341	42.770	ng		99
80) Butylbenzylphthalate	20.526	149	272725	46.833	ng		97
81) Benzo(a)anthracene	21.431	228	712584	45.451	ng		99
82) 3,3'-Dichlorobenzidine	21.355	252	165615	32.435	ng		96
83) Chrysene	21.496	228	677619	45.020	ng		100
84) Bis(2-ethylhexyl)phtha...	21.355	149	395494	45.236	ng		99
85) Di-n-octyl phthalate	22.495	149	682733	44.817	ng		97
87) Indeno(1,2,3-cd)pyrene	27.853	276	877338	46.267	ng		99
88) Benzo(b)fluoranthene	23.511	252	710911m	45.364	ng		
89) Benzo(k)fluoranthene	23.576	252	730371	45.747	ng	#	96
90) Benzo(a)pyrene	24.322	252	695482	47.708	ng	#	97
91) Dibenzo(a,h)anthracene	27.912	278	702483	46.140	ng		98
92) Benzo(g,h,i)perylene	28.917	276	706308	47.676	ng	#	94

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

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