Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121625\
Data File : BG064954.D
Acq On : 16 Dec 2025 13:05
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 17 05:12:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 17 05:08:51 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
12/17/2025
Supervised By :Jagrut Upadhyay
12/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.041	152	43287	20.000	ng		0.00
21) Naphthalene-d8	10.844	136	195214	20.000	ng		0.00
39) Acenaphthene-d10	14.657	164	158839	20.000	ng		0.00
64) Phenanthrene-d10	17.389	188	372830	20.000	ng		0.00
76) Chrysene-d12	21.637	240	403409	20.000	ng		0.00
86) Perylene-d12	24.804	264	447174	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.603	112	25898	9.648	ng		0.00
7) Phenol-d6	7.183	99	36619	9.746	ng		0.00
23) Nitrobenzene-d5	9.198	82	24303	7.394	ng		0.00
42) 2,4,6-Tribromophenol	16.131	330	17885	8.678	ng		0.00
45) 2-Fluorobiphenyl	13.288	172	102475	9.600	ng		0.00
79) Terphenyl-d14	19.997	244	214287	10.015	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	6521	6.036	ng	#	92
3) Pyridine	3.905	79	19095	5.533	ng		94
6) Aniline	7.359	93	25730	4.973	ng		97
8) 2-Chlorophenol	7.600	128	13944	4.732	ng		97
10) Phenol	7.212	94	19767	4.731	ng		95
11) bis(2-Chloroethyl)ether	7.459	93	15380	4.927	ng		89
12) 1,3-Dichlorobenzene	7.929	146	15897	4.905	ng		95
13) 1,4-Dichlorobenzene	8.076	146	16465m	4.961	ng		
14) 1,2-Dichlorobenzene	8.393	146	15782	4.878	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.564	45	37431	4.856	ng		99
17) 2-Methylphenol	8.470	107	13494	4.795	ng		92
18) Hexachloroethane	9.128	117	5655	4.742	ng	#	75
19) n-Nitroso-di-n-propyla...	8.840	70	13630	4.735	ng		98
22) Acetophenone	8.858	105	25150	4.705	ng		99
24) Nitrobenzene	9.234	77	13286	3.718	ng	#	87
25) Isophorone	9.762	82	39646	4.821	ng		99
26) 2-Nitrophenol	9.950	139	3913	5.787	ng		89
27) 2,4-Dimethylphenol	10.003	122	14957	4.543	ng		93
28) bis(2-Chloroethoxy)met...	10.244	93	21512	4.631	ng		99
29) 2,4-Dichlorophenol	10.479	162	13333	4.151	ng		97
30) 1,2,4-Trichlorobenzene	10.708	180	16282	4.742	ng		96
31) Naphthalene	10.896	128	51368	4.818	ng		99
33) 4-Chloroaniline	10.996	127	22357	4.760	ng		97
34) Hexachlorobutadiene	11.184	225	11328	4.542	ng		91
36) 4-Chloro-3-methylphenol	12.095	107	17943	4.732	ng		87
37) 2-Methylnaphthalene	12.495	142	38312	4.677	ng		95
38) 1-Methylnaphthalene	12.712	142	39419	4.827	ng		99
40) 1,2,4,5-Tetrachloroben...	12.859	216	21419	4.638	ng		99
43) 2,4,6-Trichlorophenol	13.088	196	13094	4.356	ng		99
44) 2,4,5-Trichlorophenol	13.153	196	14203	4.225	ng		97
46) 1,1'-Biphenyl	13.493	154	54344	4.741	ng		96
47) 2-Chloronaphthalene	13.534	162	42435	4.719	ng		95
48) 2-Nitroaniline	13.722	65	7698	5.735	ng	#	81
49) Acenaphthylene	14.381	152	70750	4.724	ng		98
50) Dimethylphthalate	14.104	163	56897	4.772	ng	#	99
51) 2,6-Dinitrotoluene	14.216	165	5308	5.831	ng		93

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52) Acenaphthene	14.721	154	44390	4.799	ng		100
53) 3-Nitroaniline	14.545	138	6562	5.523	ng	#	94
55) Dibenzofuran	15.050	168	71077	4.934	ng		98
57) 2,4-Dinitrotoluene	14.997	165	7459	2.975	ng	#	91
58) Fluorene	15.697	166	57597	4.911	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.268	232	13035	4.334	ng	#	97
60) Diethylphthalate	15.467	149	62078	4.867	ng		98
61) 4-Chlorophenyl-phenyle...	15.691	204	29421	4.825	ng		95
62) 4-Nitroaniline	15.697	138	7755	3.361	ng		97
63) Azobenzene	15.985	77	55723	4.783	ng		98
66) n-Nitrosodiphenylamine	15.902	169	49735	4.617	ng		97
67) 4-Bromophenyl-phenylether	16.584	248	20440	4.749	ng		98
68) Hexachlorobenzene	16.695	284	22787	4.645	ng		92
69) Atrazine	16.842	200	20078	4.609	ng		93
71) Phenanthrene	17.436	178	104224	4.963	ng		97
72) Anthracene	17.524	178	102069	4.754	ng		96
73) Carbazole	17.782	167	91595	4.788	ng		94
74) Di-n-butylphthalate	18.352	149	109633	4.683	ng		98
75) Fluoranthene	19.433	202	122215	4.938	ng		99
78) Pyrene	19.792	202	126929	4.860	ng		96
80) Butylbenzylphthalate	20.685	149	46128	4.432	ng		98
81) Benzo(a)anthracene	21.619	228	132880	4.822	ng		97
83) Chrysene	21.684	228	127126	4.828	ng		98
84) Bis(2-ethylhexyl)phtha...	21.543	149	75073	4.709	ng		99
87) Indeno(1,2,3-cd)pyrene	28.405	276	157345	4.724	ng		99
88) Benzo(b)fluoranthene	23.799	252	124913	4.564	ng		99
89) Benzo(k)fluoranthene	23.864	252	130216	4.664	ng		98
90) Benzo(a)pyrene	24.657	252	122691	4.716	ng	#	97
91) Dibenzo(a,h)anthracene	28.476	278	131854	4.754	ng		97
92) Benzo(g,h,i)perylene	29.527	276	133280	4.948	ng		97

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

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