Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064576.D
Acq On : 24 Oct 2025 15:32
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 03 18:03:30 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 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.224	152	43774	20.000	ng		0.00
21) Naphthalene-d8	11.050	136	182273	20.000	ng		0.00
39) Acenaphthene-d10	14.846	164	142032	20.000	ng		0.00
64) Phenanthrene-d10	17.584	188	343365	20.000	ng		0.00
76) Chrysene-d12	21.861	240	367592	20.000	ng		0.00
86) Perylene-d12	25.210	264	385865	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.750	112	249333	95.606	ng		0.00
7) Phenol-d6	7.354	99	349586	97.687	ng		0.00
23) Nitrobenzene-d5	9.387	82	324249	106.847	ng		0.00
42) 2,4,6-Tribromophenol	16.326	330	207294	101.122	ng		0.00
45) 2-Fluorobiphenyl	13.477	172	877315	93.626	ng		0.00
79) Terphenyl-d14	20.175	244	1814661	93.162	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	51872	44.926	ng		99
3) Pyridine	3.999	79	161000	46.434	ng		96
4) n-Nitrosodimethylamine	3.905	42	85377	45.917	ng		92
6) Aniline	7.536	93	228687	46.963	ng		99
8) 2-Chlorophenol	7.777	128	134062	49.112	ng		96
9) Benzaldehyde	7.343	77	91457	46.812	ng		96
10) Phenol	7.384	94	192663	48.681	ng		98
11) bis(2-Chloroethyl)ether	7.630	93	139360	47.894	ng		95
12) 1,3-Dichlorobenzene	8.112	146	146905	46.758	ng		98
13) 1,4-Dichlorobenzene	8.259	146	151083	47.293	ng		93
14) 1,2-Dichlorobenzene	8.582	146	143986	46.729	ng		96
15) Benzyl Alcohol	8.447	79	142880	48.417	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.741	45	361264	47.332	ng		99
17) 2-Methylphenol	8.653	107	126868	48.282	ng		94
18) Hexachloroethane	9.328	117	54330	48.463	ng		94
19) n-Nitroso-di-n-propyla...	9.029	70	122051	49.350	ng		97
20) 3+4-Methylphenols	8.982	107	176415	47.740	ng		99
22) Acetophenone	9.046	105	234956	47.155	ng	#	100
24) Nitrobenzene	9.428	77	171837	52.060	ng		96
25) Isophorone	9.957	82	348174	47.813	ng		97
26) 2-Nitrophenol	10.145	139	61611	48.353	ng		90
27) 2,4-Dimethylphenol	10.198	122	135402	49.988	ng		96
28) bis(2-Chloroethoxy)met...	10.439	93	194038	46.800	ng		99
29) 2,4-Dichlorophenol	10.680	162	148850	51.062	ng		94
30) 1,2,4-Trichlorobenzene	10.909	180	159207	48.068	ng		94
31) Naphthalene	11.103	128	471891	46.695	ng		98
32) Benzoic acid	10.321	122	97970m	47.410	ng		
33) 4-Chloroaniline	11.191	127	186814	47.560	ng		98
34) Hexachlorobutadiene	11.397	225	123596	47.716	ng		98
35) Caprolactam	11.961	113	53689	48.020	ng	#	93
36) 4-Chloro-3-methylphenol	12.296	107	171120	48.836	ng		98
37) 2-Methylnaphthalene	12.695	142	351946	47.435	ng		97
38) 1-Methylnaphthalene	12.913	142	342687	46.666	ng		95
40) 1,2,4,5-Tetrachloroben...	13.054	216	224658	47.131	ng		99
41) Hexachlorocyclopentadiene	13.042	237	105411	49.131	ng		98
43) 2,4,6-Trichlorophenol	13.283	196	141505	51.898	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.353	196	157315	49.997	ng		96
46)	1,1'-Biphenyl	13.688	154	470676	46.613	ng		99
47)	2-Chloronaphthalene	13.729	162	359811	47.208	ng		99
48)	2-Nitroaniline	13.911	65	121908	47.668	ng		92
49)	Acenaphthylene	14.569	152	565771	47.060	ng		99
50)	Dimethylphthalate	14.293	163	519303	47.781	ng		99
51)	2,6-Dinitrotoluene	14.405	165	86665	48.306	ng		99
52)	Acenaphthene	14.910	154	388012	47.239	ng		99
53)	3-Nitroaniline	14.734	138	99748	53.405	ng		96
54)	2,4-Dinitrophenol	14.928	184	49318	47.268	ng		89
55)	Dibenzofuran	15.239	168	615553	46.355	ng		99
56)	4-Nitrophenol	15.016	139	88609	51.169	ng		95
57)	2,4-Dinitrotoluene	15.186	165	132374	47.759	ng	#	99
58)	Fluorene	15.891	166	481625	46.441	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.457	232	157783	52.440	ng		99
60)	Diethylphthalate	15.650	149	527594	47.543	ng		100
61)	4-Chlorophenyl-phenyle...	15.880	204	271068	46.576	ng		98
62)	4-Nitroaniline	15.891	138	110067	52.970	ng		98
63)	Azobenzene	16.168	77	475203	46.671	ng		99
65)	4,6-Dinitro-2-methylph...	15.944	198	71672	47.500	ng		95
66)	n-Nitrosodiphenylamine	16.085	169	444824	47.959	ng		99
67)	4-Bromophenyl-phenylether	16.773	248	196226	48.225	ng		96
68)	Hexachlorobenzene	16.890	284	223018	48.043	ng		94
69)	Atrazine	17.025	200	187862	47.066	ng		96
70)	Pentachlorophenol	17.225	266	147427	50.930	ng		95
71)	Phenanthrene	17.625	178	875415	46.621	ng		99
72)	Anthracene	17.719	178	893629	46.785	ng		99
73)	Carbazole	17.977	167	781031	46.370	ng		100
74)	Di-n-butylphthalate	18.535	149	930281	47.762	ng		100
75)	Fluoranthene	19.622	202	1092855	46.459	ng		99
77)	Benzidine	19.787	184	382418	46.435	ng		100
78)	Pyrene	19.981	202	1133345	47.190	ng		99
80)	Butylbenzylphthalate	20.856	149	374611	51.609	ng		100
81)	Benzo(a)anthracene	21.843	228	1151242	47.234	ng		99
82)	3,3'-Dichlorobenzidine	21.743	252	389240	47.824	ng		97
83)	Chrysene	21.908	228	1091456	47.062	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.749	149	537716	49.576	ng		98
85)	Di-n-octyl phthalate	23.018	149	896763	49.039	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.052	276	1346188	47.425	ng		97
88)	Benzo(b)fluoranthene	24.146	252	1131250	47.810	ng		100
89)	Benzo(k)fluoranthene	24.217	252	1110490	46.901	ng		98
90)	Benzo(a)pyrene	25.051	252	1029605	47.339	ng		99
91)	Dibenzo(a,h)anthracene	29.129	278	1090407	47.283	ng		99
92)	Benzo(g,h,i)perylene	30.245	276	1039447	47.184	ng		99

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

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