Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064574.D
Acq On : 24 Oct 2025 13:44
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 18:01:50 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 :
SSTDICC060

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	8.219	152	40271	20.000	ng		0.00
21) Naphthalene-d8	11.045	136	168005	20.000	ng		0.00
39) Acenaphthene-d10	14.841	164	134994	20.000	ng		0.00
64) Phenanthrene-d10	17.579	188	324385	20.000	ng		0.00
76) Chrysene-d12	21.856	240	340896	20.000	ng		0.00
86) Perylene-d12	25.205	264	350916	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.746	112	318446	132.728	ng		0.00
7) Phenol-d6	7.355	99	450449	136.821	ng		0.00
23) Nitrobenzene-d5	9.388	82	406268	145.243	ng		0.00
42) 2,4,6-Tribromophenol	16.321	330	280190	143.807	ng		0.00
45) 2-Fluorobiphenyl	13.478	172	1120989	125.867	ng		0.00
79) Terphenyl-d14	20.176	244	2253704	124.763	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.589	88	67487	63.535	ng		98
3) Pyridine	4.001	79	209372	65.637	ng		98
4) n-Nitrosodimethylamine	3.907	42	111310	65.071	ng		94
6) Aniline	7.532	93	294791	65.803	ng		98
8) 2-Chlorophenol	7.779	128	176533	70.297	ng		98
9) Benzaldehyde	7.344	77	118559	65.963	ng		98
10) Phenol	7.379	94	244914	67.267	ng		98
11) bis(2-Chloroethyl)ether	7.626	93	174337	65.126	ng		100
12) 1,3-Dichlorobenzene	8.113	146	186290	64.452	ng		99
13) 1,4-Dichlorobenzene	8.254	146	188553	64.156	ng		95
14) 1,2-Dichlorobenzene	8.583	146	183593	64.766	ng		98
15) Benzyl Alcohol	8.448	79	185157	68.201	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.742	45	459295	65.410	ng		100
17) 2-Methylphenol	8.648	107	162536	67.237	ng		98
18) Hexachloroethane	9.324	117	67237	65.193	ng		99
19) n-Nitroso-di-n-propyla...	9.030	70	155683	68.424	ng		99
20) 3+4-Methylphenols	8.983	107	228995	67.359	ng		98
22) Acetophenone	9.048	105	297413	64.759	ng	#	96
24) Nitrobenzene	9.430	77	220774	72.567	ng		98
25) Isophorone	9.958	82	449298	66.940	ng		99
26) 2-Nitrophenol	10.146	139	76368	63.945	ng		98
27) 2,4-Dimethylphenol	10.193	122	173061	69.317	ng		97
28) bis(2-Chloroethoxy)met...	10.440	93	248699	65.078	ng		99
29) 2,4-Dichlorophenol	10.681	162	188233	70.056	ng		96
30) 1,2,4-Trichlorobenzene	10.904	180	200988	65.837	ng		95
31) Naphthalene	11.098	128	605239	64.976	ng		99
32) Benzoic acid	10.340	122	130898m	65.612	ng		
33) 4-Chloroaniline	11.192	127	245101	67.699	ng		98
34) Hexachlorobutadiene	11.392	225	154303	64.630	ng		97
35) Caprolactam	11.968	113	71319	69.206	ng		96
36) 4-Chloro-3-methylphenol	12.297	107	228833	70.853	ng		100
37) 2-Methylnaphthalene	12.690	142	447497	65.435	ng		98
38) 1-Methylnaphthalene	12.908	142	442677	65.402	ng		99
40) 1,2,4,5-Tetrachloroben...	13.055	216	290173	64.049	ng		100
41) Hexachlorocyclopentadiene	13.037	237	137727	67.540	ng		99
43) 2,4,6-Trichlorophenol	13.278	196	184771	71.299	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.354	196	209320	69.994	ng		96
46)	1,1'-Biphenyl	13.683	154	606860	63.233	ng		98
47)	2-Chloronaphthalene	13.730	162	463792	64.022	ng		98
48)	2-Nitroaniline	13.913	65	163796	66.052	ng		95
49)	Acenaphthylene	14.571	152	739728	64.738	ng		100
50)	Dimethylphthalate	14.289	163	688128	66.616	ng		99
51)	2,6-Dinitrotoluene	14.400	165	114588	65.951	ng		95
52)	Acenaphthene	14.911	154	510499	65.392	ng		98
53)	3-Nitroaniline	14.729	138	131776	74.231	ng		91
54)	2,4-Dinitrophenol	14.929	184	66900	65.082	ng	#	75
55)	Dibenzofuran	15.240	168	804964	63.779	ng		97
56)	4-Nitrophenol	15.017	139	114408	69.512	ng		97
57)	2,4-Dinitrotoluene	15.187	165	175802	65.522	ng	#	100
58)	Fluorene	15.887	166	627437	63.656	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.458	232	205529	71.870	ng		99
60)	Diethylphthalate	15.652	149	695924	65.982	ng		99
61)	4-Chlorophenyl-phenyle...	15.875	204	359759	65.038	ng		99
62)	4-Nitroaniline	15.893	138	143839	72.832	ng		98
63)	Azobenzene	16.169	77	633520	65.464	ng		99
65)	4,6-Dinitro-2-methylph...	15.945	198	94338	64.046	ng		93
66)	n-Nitrosodiphenylamine	16.086	169	577835	65.944	ng		99
67)	4-Bromophenyl-phenylether	16.768	248	256556	66.740	ng		100
68)	Hexachlorobenzene	16.891	284	293831	67.001	ng		96
69)	Atrazine	17.026	200	254070	67.378	ng		97
70)	Pentachlorophenol	17.226	266	193954	70.923	ng		91
71)	Phenanthrene	17.626	178	1147317	64.676	ng		99
72)	Anthracene	17.714	178	1171223	64.905	ng		99
73)	Carbazole	17.972	167	1000680	62.887	ng		99
74)	Di-n-butylphthalate	18.536	149	1165396	63.334	ng		99
75)	Fluoranthene	19.618	202	1364891	61.419	ng		98
77)	Benzidine	19.782	184	544918	71.348	ng		99
78)	Pyrene	19.976	202	1437669	64.549	ng		99
80)	Butylbenzylphthalate	20.857	149	477358	70.914	ng		98
81)	Benzo(a)anthracene	21.839	228	1462488	64.702	ng		99
82)	3,3'-Dichlorobenzidine	21.739	252	497174	65.868	ng		99
83)	Chrysene	21.909	228	1389821	64.621	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.750	149	681649	67.768	ng		98
85)	Di-n-octyl phthalate	23.014	149	1142651	67.379	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.048	276	1729035	66.979	ng		98
88)	Benzo(b)fluoranthene	24.142	252	1424640	66.207	ng		99
89)	Benzo(k)fluoranthene	24.218	252	1436312	66.703	ng		99
90)	Benzo(a)pyrene	25.052	252	1311701	66.315	ng		100
91)	Dibenzo(a,h)anthracene	29.124	278	1394234	66.479	ng		99
92)	Benzo(g,h,i)perylene	30.246	276	1347382	67.253	ng		98

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

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