Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064749.D
Acq On : 12 Nov 2025 14:00
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 12 16:57:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.167	152	29893	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	119709	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	96177	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	237407	20.000	ng	0.00
76) Chrysene-d12	21.757	240	329177	20.000	ng	0.00
86) Perylene-d12	25.024	264	372727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	139863	81.702	ng	0.00
7) Phenol-d6	7.309	99	188921	82.974	ng	0.00
23) Nitrobenzene-d5	9.331	82	198316	81.909	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	148361	79.094	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	546263	79.252	ng	0.00
79) Terphenyl-d14	20.094	244	1332639	79.636	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.531	88	27983	42.224	ng	100
3) Pyridine	3.943	79	81588	41.318	ng	100
4) n-Nitrosodimethylamine	3.849	42	41058	40.853	ng	100
6) Aniline	7.480	93	126088	41.546	ng	100
8) 2-Chlorophenol	7.727	128	77911	41.449	ng	100
9) Benzaldehyde	7.292	77	61503	41.265	ng	100
10) Phenol	7.339	94	102268	41.282	ng	100
11) bis(2-Chloroethyl)ether	7.574	93	73774	41.850	ng	100
12) 1,3-Dichlorobenzene	8.056	146	89183	41.233	ng	100
13) 1,4-Dichlorobenzene	8.202	146	89723	40.738	ng	100
14) 1,2-Dichlorobenzene	8.526	146	88214	41.308	ng	100
15) Benzyl Alcohol	8.396	79	78013	41.743	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.696	45	169410	40.601	ng	100
17) 2-Methylphenol	8.596	107	72805	41.535	ng	100
18) Hexachloroethane	9.266	117	33674	40.368	ng	100
19) n-Nitroso-di-n-propyla...	8.972	70	65561	42.586	ng	100
20) 3+4-Methylphenols	8.925	107	98567	41.047	ng	100
22) Acetophenone	8.990	105	134228	41.157	ng	100
24) Nitrobenzene	9.372	77	99239	40.566	ng	100
25) Isophorone	9.900	82	183548	39.810	ng	100
26) 2-Nitrophenol	10.083	139	46262	42.042	ng	100
27) 2,4-Dimethylphenol	10.136	122	79277	40.554	ng	100
28) bis(2-Chloroethoxy)met...	10.376	93	101634	40.152	ng	100
29) 2,4-Dichlorophenol	10.623	162	87203	41.549	ng	100
30) 1,2,4-Trichlorobenzene	10.846	180	101577	40.080	ng	100
31) Naphthalene	11.034	128	273246	40.266	ng	100
32) Benzoic acid	10.247	122	48881m	36.872	ng	
33) 4-Chloroaniline	11.128	127	112885	41.584	ng	100
34) Hexachlorobutadiene	11.322	225	87713	40.337	ng	100
35) Caprolactam	11.886	113	24687	39.361	ng	100
36) 4-Chloro-3-methylphenol	12.233	107	93305	39.942	ng	100
37) 2-Methylnaphthalene	12.627	142	202114	39.800	ng	100
38) 1-Methylnaphthalene	12.844	142	199683	39.585	ng	100
40) 1,2,4,5-Tetrachloroben...	12.991	216	150333	40.165	ng	100
41) Hexachlorocyclopentadiene	12.973	237	107795	40.179	ng	100
43) 2,4,6-Trichlorophenol	13.220	196	89524	40.752	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.291	196	100121	40.636	ng	100
46)	1,1'-Biphenyl	13.620	154	274766	39.776	ng	100
47)	2-Chloronaphthalene	13.661	162	215361	39.573	ng	100
48)	2-Nitroaniline	13.849	65	71445	40.816	ng	100
49)	Acenaphthylene	14.501	152	371193	39.925	ng	100
50)	Dimethylphthalate	14.219	163	297932	39.215	ng	100
51)	2,6-Dinitrotoluene	14.336	165	58753	40.189	ng	100
52)	Acenaphthene	14.842	154	224207	40.220	ng	100
53)	3-Nitroaniline	14.666	138	58858	40.792	ng	100
54)	2,4-Dinitrophenol	14.871	184	32531	37.583	ng	100
55)	Dibenzofuran	15.171	168	359176	38.973	ng	100
56)	4-Nitrophenol	14.959	139	46427	40.555	ng	100
57)	2,4-Dinitrotoluene	15.118	165	88959	40.589	ng	100
58)	Fluorene	15.817	166	282884	39.136	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.388	232	96448	39.675	ng	100
60)	Diethylphthalate	15.576	149	287069	39.444	ng	100
61)	4-Chlorophenyl-phenyle...	15.805	204	169253	39.017	ng	100
62)	4-Nitroaniline	15.817	138	61547	41.175	ng	100
63)	Azobenzene	16.093	77	237589	39.248	ng	100
65)	4,6-Dinitro-2-methylph...	15.876	198	55489	42.097	ng	100
66)	n-Nitrosodiphenylamine	16.011	169	255647	41.111	ng	100
67)	4-Bromophenyl-phenylether	16.693	248	127918	41.030	ng	100
68)	Hexachlorobenzene	16.816	284	151827	40.195	ng	100
69)	Atrazine	16.951	200	120184	40.086	ng	100
70)	Pentachlorophenol	17.157	266	76096	37.572	ng	100
71)	Phenanthrene	17.550	178	521873	40.177	ng	100
72)	Anthracene	17.638	178	528364	39.892	ng	100
73)	Carbazole	17.897	167	460859	40.475	ng	100
74)	Di-n-butylphthalate	18.449	149	511236	40.245	ng	100
75)	Fluoranthene	19.542	202	709557	39.948	ng	100
77)	Benzidine	19.707	184	369544	37.485	ng	100
78)	Pyrene	19.901	202	731495	39.650	ng	100
80)	Butylbenzylphthalate	20.770	149	257466	39.676	ng	100
81)	Benzo(a)anthracene	21.740	228	907919	40.563	ng	100
82)	3,3'-Dichlorobenzidine	21.646	252	340049	41.276	ng	100
83)	Chrysene	21.804	228	861680	40.834	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.640	149	384010	40.497	ng	100
85)	Di-n-octyl phthalate	22.868	149	683175	41.680	ng	100
87)	Indeno(1,2,3-cd)pyrene	28.749	276	1043099	40.734	ng	100
88)	Benzo(b)fluoranthene	23.984	252	962053	40.559	ng	100
89)	Benzo(k)fluoranthene	24.049	252	931152	39.075	ng	100
90)	Benzo(a)pyrene	24.865	252	887984	40.357	ng	100
91)	Dibenzo(a,h)anthracene	28.820	278	858362	40.917	ng	100
92)	Benzo(g,h,i)perylene	29.924	276	823658	40.796	ng	100

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

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