Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064750.D
Acq On : 12 Nov 2025 14:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 12 16:58:03 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 :
SSTDICC050

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	8.171	152	31498	20.000	ng	#	0.00
21) Naphthalene-d8	10.985	136	128561	20.000	ng		0.00
39) Acenaphthene-d10	14.775	164	106438	20.000	ng		0.00
64) Phenanthrene-d10	17.507	188	274480	20.000	ng		0.00
76) Chrysene-d12	21.761	240	357345	20.000	ng		0.00
86) Perylene-d12	25.016	264	371257	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.703	112	186004	103.119	ng		0.00
7) Phenol-d6	7.313	99	254548	106.101	ng		0.00
23) Nitrobenzene-d5	9.328	82	267372	102.828	ng		0.00
42) 2,4,6-Tribromophenol	16.250	330	211663	101.964	ng		0.00
45) 2-Fluorobiphenyl	13.412	172	744902	97.652	ng		0.00
79) Terphenyl-d14	20.092	244	1857392	102.245	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	35574	50.943	ng		98
3) Pyridine	3.946	79	106725	51.294	ng		98
4) n-Nitrosodimethylamine	3.853	42	54302	51.277	ng		99
6) Aniline	7.484	93	167371	52.339	ng		99
8) 2-Chlorophenol	7.724	128	103747	52.381	ng		98
9) Benzaldehyde	7.296	77	74755	47.601	ng		95
10) Phenol	7.337	94	139673	53.508	ng		98
11) bis(2-Chloroethyl)ether	7.572	93	96399	51.898	ng		95
12) 1,3-Dichlorobenzene	8.059	146	115482	50.671	ng		100
13) 1,4-Dichlorobenzene	8.200	146	116931	50.387	ng		99
14) 1,2-Dichlorobenzene	8.524	146	113910	50.623	ng		96
15) Benzyl Alcohol	8.400	79	105367	53.506	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.694	45	225281	51.240	ng		97
17) 2-Methylphenol	8.600	107	97154	52.602	ng		98
18) Hexachloroethane	9.264	117	43284	49.245	ng		98
19) n-Nitroso-di-n-propyla...	8.970	70	89646	55.264	ng		97
20) 3+4-Methylphenols	8.929	107	131483	51.964	ng		95
22) Acetophenone	8.988	105	178320	50.911	ng	#	96
24) Nitrobenzene	9.370	77	133911	50.970	ng		96
25) Isophorone	9.898	82	252330	50.959	ng		96
26) 2-Nitrophenol	10.086	139	62279	52.701	ng		94
27) 2,4-Dimethylphenol	10.139	122	107426	51.169	ng		97
28) bis(2-Chloroethoxy)met...	10.374	93	138748	51.040	ng		100
29) 2,4-Dichlorophenol	10.621	162	119188	52.879	ng		98
30) 1,2,4-Trichlorobenzene	10.844	180	134410	49.384	ng		95
31) Naphthalene	11.038	128	360779	49.504	ng		99
32) Benzoic acid	10.263	122	71126m	47.913	ng		
33) 4-Chloroaniline	11.132	127	151856	52.089	ng		97
34) Hexachlorobutadiene	11.326	225	114930	49.215	ng		96
35) Caprolactam	11.896	113	36692	54.473	ng	#	92
36) 4-Chloro-3-methylphenol	12.237	107	129260	51.523	ng		97
37) 2-Methylnaphthalene	12.625	142	273168	50.088	ng		99
38) 1-Methylnaphthalene	12.842	142	268378	49.540	ng		99
40) 1,2,4,5-Tetrachloroben...	12.989	216	201992	48.764	ng		98
41) Hexachlorocyclopentadiene	12.971	237	148300	49.948	ng		94
43) 2,4,6-Trichlorophenol	13.218	196	126206	51.912	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.289	196	138309	50.724	ng		96
46)	1,1'-Biphenyl	13.618	154	373911	48.911	ng		98
47)	2-Chloronaphthalene	13.665	162	296964	49.307	ng		98
48)	2-Nitroaniline	13.853	65	101905	52.606	ng		97
49)	Acenaphthylene	14.499	152	513965	49.951	ng		98
50)	Dimethylphthalate	14.223	163	420404	50.001	ng		100
51)	2,6-Dinitrotoluene	14.340	165	84245	52.071	ng		96
52)	Acenaphthene	14.840	154	313277	50.780	ng		99
53)	3-Nitroaniline	14.663	138	85159	53.331	ng		94
54)	2,4-Dinitrophenol	14.869	184	50173	48.998	ng		91
55)	Dibenzofuran	15.175	168	503441	49.360	ng		96
56)	4-Nitrophenol	14.957	139	68287	53.900	ng		92
57)	2,4-Dinitrotoluene	15.116	165	125592	51.779	ng		95
58)	Fluorene	15.815	166	388983	48.627	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.392	232	142728	53.053	ng		97
60)	Diethylphthalate	15.574	149	407694	50.617	ng		99
61)	4-Chlorophenyl-phenyle...	15.803	204	234740	48.897	ng		99
62)	4-Nitroaniline	15.827	138	89205	53.925	ng		91
63)	Azobenzene	16.097	77	332609	49.648	ng		99
65)	4,6-Dinitro-2-methylph...	15.880	198	83106	54.533	ng		98
66)	n-Nitrosodiphenylamine	16.015	169	356316	49.560	ng		100
67)	4-Bromophenyl-phenylether	16.696	248	177607	49.273	ng		95
68)	Hexachlorobenzene	16.820	284	218143	49.952	ng		95
69)	Atrazine	16.949	200	173976	50.190	ng		99
70)	Pentachlorophenol	17.155	266	121224	49.449	ng		94
71)	Phenanthrene	17.548	178	741474	49.373	ng		99
72)	Anthracene	17.642	178	754273	49.256	ng		99
73)	Carbazole	17.901	167	647451	49.183	ng		99
74)	Di-n-butylphthalate	18.453	149	738268	50.268	ng		100
75)	Fluoranthene	19.540	202	1002435	48.814	ng		99
77)	Benzidine	19.710	184	551983	51.578	ng		98
78)	Pyrene	19.904	202	1040032	51.930	ng		98
80)	Butylbenzylphthalate	20.774	149	360898	51.231	ng		95
81)	Benzo(a)anthracene	21.737	228	1212620	49.906	ng		99
82)	3,3'-Dichlorobenzidine	21.643	252	452926	50.644	ng		99
83)	Chrysene	21.808	228	1131589	49.398	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.638	149	509870	49.532	ng		99
85)	Di-n-octyl phthalate	22.866	149	878300	49.360	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.759	276	1303237	51.094	ng	#	96
88)	Benzo(b)fluoranthene	23.982	252	1186948	50.239	ng		100
89)	Benzo(k)fluoranthene	24.052	252	1187020	50.009	ng		100
90)	Benzo(a)pyrene	24.869	252	1096687	50.040	ng		99
91)	Dibenzo(a,h)anthracene	28.817	278	1071866	51.297	ng		97
92)	Benzo(g,h,i)perylene	29.922	276	1028630	51.150	ng		97

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

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