Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121625\
Data File : BG064960.D
Acq On : 16 Dec 2025 17:14
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Quant Time: Dec 17 05:17:14 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.041	152	49774	20.000	ng		0.00
21) Naphthalene-d8	10.850	136	220720	20.000	ng		0.00
39) Acenaphthene-d10	14.657	164	171434	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	360285	20.000	ng		0.00
76) Chrysene-d12	21.643	240	382225	20.000	ng		0.00
86) Perylene-d12	24.810	264	416567	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.603	112	494411	160.181	ng		0.00
7) Phenol-d6	7.195	99	697495	161.448	ng		0.00
23) Nitrobenzene-d5	9.205	82	672892	181.053	ng		0.00
42) 2,4,6-Tribromophenol	16.138	330	363534	163.437	ng		0.00
45) 2-Fluorobiphenyl	13.294	172	1774149	153.999	ng		0.00
79) Terphenyl-d14	20.004	244	2931470	144.598	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.506	88	90262	72.654	ng		98
3) Pyridine	3.905	79	303040	76.361	ng		99
4) n-Nitrosodimethylamine	3.817	42	152877	78.152	ng		99
6) Aniline	7.366	93	479167	80.540	ng		99
8) 2-Chlorophenol	7.607	128	277555	81.913	ng		97
9) Benzaldehyde	7.178	77	279654	86.787	ng		98
10) Phenol	7.219	94	393209	81.850	ng		99
11) bis(2-Chloroethyl)ether	7.460	93	283981	79.117	ng		98
12) 1,3-Dichlorobenzene	7.936	146	296956	79.687	ng		99
13) 1,4-Dichlorobenzene	8.077	146	299428	78.462	ng		98
14) 1,2-Dichlorobenzene	8.400	146	297128	79.867	ng		98
15) Benzyl Alcohol	8.276	79	294745	81.454	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.564	45	704122	79.445	ng		100
17) 2-Methylphenol	8.470	107	263325	81.378	ng		98
18) Hexachloroethane	9.128	117	110049	80.250	ng		95
19) n-Nitroso-di-n-propyla...	8.858	70	269315	81.365	ng		97
20) 3+4-Methylphenols	8.805	107	362088	81.593	ng		100
22) Acetophenone	8.864	105	480053	79.429	ng	#	95
24) Nitrobenzene	9.246	77	356671	88.286	ng		100
25) Isophorone	9.775	82	738145	79.384	ng		100
26) 2-Nitrophenol	9.957	139	139036	82.526	ng		96
27) 2,4-Dimethylphenol	10.010	122	302164	81.176	ng		99
28) bis(2-Chloroethoxy)met...	10.251	93	420244	80.021	ng		97
29) 2,4-Dichlorophenol	10.486	162	304648	83.881	ng		98
30) 1,2,4-Trichlorobenzene	10.709	180	315336	81.234	ng		98
31) Naphthalene	10.897	128	949672	78.783	ng		99
32) Benzoic acid	10.168	122	237359	95.846	ng		95
33) 4-Chloroaniline	10.997	127	430217	81.020	ng		98
34) Hexachlorobutadiene	11.185	225	228191	80.923	ng		95
35) Caprolactam	11.796	113	104139	77.569	ng		97
36) 4-Chloro-3-methylphenol	12.107	107	348472	81.281	ng		96
37) 2-Methylnaphthalene	12.501	142	732835	79.118	ng		98
38) 1-Methylnaphthalene	12.718	142	728595	78.907	ng		97
40) 1,2,4,5-Tetrachloroben...	12.859	216	406324	81.525	ng		99
41) Hexachlorocyclopentadiene	12.848	237	266824	86.382	ng		99
43) 2,4,6-Trichlorophenol	13.094	196	275858	85.028	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.165	196	309262	85.231	ng	99
46) 1,1'-Biphenyl	13.500	154	977682	79.029	ng	99
47) 2-Chloronaphthalene	13.541	162	779782	80.349	ng	98
48) 2-Nitroaniline	13.735	65	236050	81.452	ng	99
49) Acenaphthylene	14.381	152	1267801	78.429	ng	99
50) Dimethylphthalate	14.117	163	1009256	78.434	ng	100
51) 2,6-Dinitrotoluene	14.228	165	182764	81.832	ng	97
52) Acenaphthene	14.722	154	790821	79.216	ng	99
53) 3-Nitroaniline	14.557	138	208334	80.038	ng	94
54) 2,4-Dinitrophenol	14.757	184	82492	83.385	ng	86
55) Dibenzofuran	15.057	168	1197555	77.020	ng	98
56) 4-Nitrophenol	14.851	139	180428	86.392	ng	89
57) 2,4-Dinitrotoluene	15.010	165	271120	100.191	ng	98
58) Fluorene	15.703	166	971225	76.721	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.274	232	271096	83.519	ng	100
60) Diethylphthalate	15.480	149	1047582	76.093	ng	99
61) 4-Chlorophenyl-phenyle...	15.697	204	510365	77.543	ng	98
62) 4-Nitroaniline	15.721	138	225373	90.494	ng	100
63) Azobenzene	15.991	77	979656	77.910	ng	99
65) 4,6-Dinitro-2-methylph...	15.774	198	131731	83.563	ng	94
66) n-Nitrosodiphenylamine	15.909	169	846840	81.343	ng	99
67) 4-Bromophenyl-phenylether	16.584	248	339012	81.509	ng	98
68) Hexachlorobenzene	16.702	284	385684	81.365	ng	99
69) Atrazine	16.855	200	338057	80.301	ng	96
70) Pentachlorophenol	17.037	266	258747	86.269	ng	98
71) Phenanthrene	17.436	178	1575032	77.614	ng	99
72) Anthracene	17.530	178	1633970	78.758	ng	97
73) Carbazole	17.795	167	1459474	78.942	ng	99
74) Di-n-butylphthalate	18.359	149	1770201	78.240	ng	99
75) Fluoranthene	19.440	202	1844975	77.145	ng	99
77) Benzidine	19.610	184	515286	48.472	ng	99
78) Pyrene	19.798	202	1893315	76.512	ng	98
80) Butylbenzylphthalate	20.685	149	804402	81.577	ng	95
81) Benzo(a)anthracene	21.626	228	2046827	78.394	ng	99
82) 3,3'-Dichlorobenzidine	21.537	252	654777	71.601	ng	97
83) Chrysene	21.690	228	1939601	77.748	ng	98
84) Bis(2-ethylhexyl)phtha...	21.543	149	1185054	78.448	ng	99
85) Di-n-octyl phthalate	22.748	149	2055580	79.056	ng	98
87) Indeno(1,2,3-cd)pyrene	28.435	276	2532972	81.629	ng	99
88) Benzo(b)fluoranthene	23.811	252	2084009	81.747	ng	100
89) Benzo(k)fluoranthene	23.882	252	2071491	79.647	ng	100
90) Benzo(a)pyrene	24.669	252	1957974	80.795	ng	98
91) Dibenzo(a,h)anthracene	28.512	278	2099074	81.236	ng	100
92) Benzo(g,h,i)perylene	29.581	276	2020024	80.500	ng	99

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

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