Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064805.D
Acq On : 18 Nov 2025 16:21
Operator : RC/JU
Sample : Q3658-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 16:56:58 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 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	48188	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	195252	20.000	ng	# 0.00
39) Acenaphthene-d10	14.774	164	155870	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	348676	20.000	ng	0.00
76) Chrysene-d12	21.754	240	336753	20.000	ng	0.00
86) Perylene-d12	25.015	264	363160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	271985	98.561	ng	0.00
7) Phenol-d6	7.312	99	365828	99.671	ng	0.00
23) Nitrobenzene-d5	9.327	82	246163	62.335	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	275931	90.768	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	662190	59.279	ng	0.00
79) Terphenyl-d14	20.091	244	1256101	73.373	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.516	88	36011	33.708	ng	99
3) Pyridine	3.934	79	101452	31.872	ng	95
4) n-Nitrosodimethylamine	3.840	42	64255	39.661	ng	93
6) Aniline	7.477	93	94592	19.335	ng	99
8) 2-Chlorophenol	7.723	128	144990	47.850	ng	99
9) Benzaldehyde	7.289	77	69717	29.017	ng	93
10) Phenol	7.336	94	186919	46.806	ng	97
11) bis(2-Chloroethyl)ether	7.571	93	125858	44.289	ng	98
12) 1,3-Dichlorobenzene	8.052	146	156109	44.773	ng	97
13) 1,4-Dichlorobenzene	8.199	146	161464	45.479	ng	97
14) 1,2-Dichlorobenzene	8.522	146	159539	46.344	ng	96
15) Benzyl Alcohol	8.393	79	141575	46.993	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.687	45	275986	41.031	ng	97
17) 2-Methylphenol	8.599	107	136651	48.361	ng	95
18) Hexachloroethane	9.257	117	59487	44.238	ng	98
19) n-Nitroso-di-n-propyla...	8.969	70	110971	44.716	ng	94
20) 3+4-Methylphenols	8.928	107	184193	47.583	ng	93
22) Acetophenone	8.987	105	232753	43.754	ng	97
24) Nitrobenzene	9.368	77	175089	43.880	ng	96
25) Isophorone	9.897	82	319462	42.480	ng	96
26) 2-Nitrophenol	10.085	139	87880	48.965	ng	96
27) 2,4-Dimethylphenol	10.138	122	148894	46.697	ng	99
28) bis(2-Chloroethoxy)met...	10.373	93	186357	45.138	ng	99
29) 2,4-Dichlorophenol	10.626	162	168740	49.293	ng	97
30) 1,2,4-Trichlorobenzene	10.843	180	197518	47.783	ng	98
31) Naphthalene	11.031	128	487558	44.050	ng	99
32) Benzoic acid	10.285	122	112360	49.693	ng	94
33) 4-Chloroaniline	11.131	127	45187	10.206	ng	99
34) Hexachlorobutadiene	11.325	225	152598	43.025	ng	98
35) Caprolactam	11.901	113	46162m	45.085	ng	
36) 4-Chloro-3-methylphenol	12.242	107	178954	46.967	ng	98
37) 2-Methylnaphthalene	12.623	142	336610	40.640	ng	98
38) 1-Methylnaphthalene	12.841	142	349765	42.510	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	278911	45.979	ng	99
41) Hexachlorocyclopentadiene	12.970	237	223701	51.450	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	174327	48.965	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.287	196	191296	47.907	ng		98
46)	1,1'-Biphenyl	13.616	154	515038	46.006	ng		97
47)	2-Chloronaphthalene	13.663	162	401490	45.521	ng		99
48)	2-Nitroaniline	13.851	65	134647	47.464	ng		99
49)	Acenaphthylene	14.504	152	691802	45.912	ng		99
50)	Dimethylphthalate	14.222	163	527447	42.838	ng		99
51)	2,6-Dinitrotoluene	14.339	165	112556	47.507	ng		93
52)	Acenaphthene	14.839	154	445517	49.313	ng		100
53)	3-Nitroaniline	14.668	138	66262	28.336	ng		95
54)	2,4-Dinitrophenol	14.868	184	118117	73.554	ng		95
55)	Dibenzofuran	15.168	168	673078	45.064	ng		98
56)	4-Nitrophenol	14.968	139	173189	93.348	ng		92
57)	2,4-Dinitrotoluene	15.121	165	164718	46.373	ng	#	97
58)	Fluorene	15.814	166	514570	43.926	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.391	232	195914	49.728	ng		97
60)	Diethylphthalate	15.573	149	511099	43.332	ng		99
61)	4-Chlorophenyl-phenyle...	15.802	204	307850	43.789	ng		98
62)	4-Nitroaniline	15.820	138	97181	40.116	ng		93
63)	Azobenzene	16.096	77	495116	50.467	ng		96
65)	4,6-Dinitro-2-methylph...	15.878	198	88449	45.688	ng		95
66)	n-Nitrosodiphenylamine	16.014	169	463930	50.797	ng		100
67)	4-Bromophenyl-phenylether	16.689	248	226501	49.466	ng		97
68)	Hexachlorobenzene	16.819	284	262785	47.369	ng		97
69)	Atrazine	16.948	200	201168	45.686	ng		98
70)	Pentachlorophenol	17.153	266	321249	96.485	ng		99
71)	Phenanthrene	17.547	178	886662	46.477	ng		99
72)	Anthracene	17.635	178	877242	45.096	ng		99
73)	Carbazole	17.900	167	725006	43.355	ng		99
74)	Di-n-butylphthalate	18.446	149	850883	45.607	ng		98
75)	Fluoranthene	19.539	202	1029901	39.479	ng		99
77)	Benzidine	19.709	184	229554	22.761	ng		97
78)	Pyrene	19.897	202	1051714	55.724	ng		99
80)	Butylbenzylphthalate	20.767	149	340509	51.293	ng		98
81)	Benzo(a)anthracene	21.736	228	1065650	46.539	ng		99
82)	3,3'-Dichlorobenzidine	21.642	252	181271	21.508	ng		97
83)	Chrysene	21.801	228	1006580	46.628	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.631	149	483937	49.887	ng		99
85)	Di-n-octyl phthalate	22.859	149	795379	47.433	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.769	276	1293771	51.854	ng	#	96
88)	Benzo(b)fluoranthene	23.981	252	1089616	47.147	ng		99
89)	Benzo(k)fluoranthene	24.051	252	1049422	45.198	ng		99
90)	Benzo(a)pyrene	24.868	252	1016437	47.412	ng	#	99
91)	Dibenzo(a,h)anthracene	28.822	278	1046674	51.208	ng		98
92)	Benzo(g,h,i)perylene	29.927	276	1048620	53.307	ng		98

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

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