Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
Data File : BG064790.D
Acq On : 17 Nov 2025 18:45
Operator : RC/JU
Sample : Q3628-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

Quant Time: Nov 18 00:22:21 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	39983	20.000	ng		0.00
21) Naphthalene-d8	10.984	136	147925	20.000	ng	#	0.00
39) Acenaphthene-d10	14.774	164	116787	20.000	ng		0.00
64) Phenanthrene-d10	17.506	188	291949	20.000	ng		0.00
76) Chrysene-d12	21.754	240	385333	20.000	ng		0.00
86) Perylene-d12	25.015	264	381268	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.708	112	293100	128.008	ng		0.00
7) Phenol-d6	7.312	99	354492	116.403	ng		0.00
23) Nitrobenzene-d5	9.327	82	272272	91.005	ng		0.00
42) 2,4,6-Tribromophenol	16.248	330	319652	140.339	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	733025	87.580	ng		0.00
79) Terphenyl-d14	20.091	244	1687498	86.145	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.540	88	30016	33.862	ng	#	60
3) Pyridine	3.957	79	81994	31.045	ng		95
4) n-Nitrosodimethylamine	3.851	42	48888	36.368	ng	#	82
6) Aniline	7.476	93	47372	11.670	ng		98
8) 2-Chlorophenol	7.723	128	104046	41.384	ng		99
9) Benzaldehyde	7.288	77	60336	30.266	ng		95
10) Phenol	7.341	94	124773	37.656	ng		96
11) bis(2-Chloroethyl)ether	7.570	93	94693	40.161	ng		93
12) 1,3-Dichlorobenzene	8.058	146	111261	38.459	ng		94
13) 1,4-Dichlorobenzene	8.199	146	116775	39.641	ng		100
14) 1,2-Dichlorobenzene	8.522	146	112517	39.392	ng		96
15) Benzyl Alcohol	8.399	79	105111	42.049	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.687	45	205778	36.871	ng		96
17) 2-Methylphenol	8.599	107	96403	41.118	ng		95
18) Hexachloroethane	9.263	117	41117	36.852	ng		87
19) n-Nitroso-di-n-propyla...	8.969	70	84803	41.184	ng		90
20) 3+4-Methylphenols	8.928	107	131261	40.867	ng		95
22) Acetophenone	8.986	105	175225	43.479	ng		98
24) Nitrobenzene	9.368	77	129524	42.846	ng		96
25) Isophorone	9.891	82	245598	43.107	ng		97
26) 2-Nitrophenol	10.085	139	62365	45.866	ng		97
27) 2,4-Dimethylphenol	10.138	122	107005	44.297	ng		99
28) bis(2-Chloroethoxy)met...	10.373	93	140866	45.036	ng		99
29) 2,4-Dichlorophenol	10.620	162	120727	46.550	ng		96
30) 1,2,4-Trichlorobenzene	10.843	180	136739	43.663	ng		95
31) Naphthalene	11.031	128	345329	41.181	ng		99
32) Benzoic acid	10.261	122	70144	41.983	ng		93
33) 4-Chloroaniline	11.131	127	8270	2.465	ng	#	90
34) Hexachlorobutadiene	11.319	225	106863	39.770	ng		99
35) Caprolactam	11.895	113	32047m	41.314	ng		
36) 4-Chloro-3-methylphenol	12.236	107	131954	45.712	ng		98
37) 2-Methylnaphthalene	12.623	142	236748	37.728	ng		99
38) 1-Methylnaphthalene	12.841	142	247960	39.779	ng		98
40) 1,2,4,5-Tetrachloroben...	12.988	216	195178	42.943	ng		97
41) Hexachlorocyclopentadiene	12.970	237	247648	76.018	ng		98
43) 2,4,6-Trichlorophenol	13.217	196	126478	47.414	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.287	196	141991	47.460	ng		98
46)	1,1'-Biphenyl	13.616	154	370422	44.161	ng		98
47)	2-Chloronaphthalene	13.663	162	290879	44.017	ng		99
48)	2-Nitroaniline	13.851	65	101739	47.866	ng		98
49)	Acenaphthylene	14.503	152	501269	44.401	ng		98
50)	Dimethylphthalate	14.221	163	422096	45.754	ng	#	97
51)	2,6-Dinitrotoluene	14.339	165	87935	49.535	ng		95
52)	Acenaphthene	14.838	154	342193	50.552	ng		99
53)	3-Nitroaniline	14.662	138	14635	8.353	ng		94
54)	2,4-Dinitrophenol	14.868	184	105753	86.219	ng		97
55)	Dibenzofuran	15.167	168	499765	44.658	ng		99
56)	4-Nitrophenol	14.968	139	134034	96.420	ng		97
57)	2,4-Dinitrotoluene	15.120	165	129090	48.505	ng		99
58)	Fluorene	15.814	166	383077	43.645	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.391	232	149673	50.704	ng		97
60)	Diethylphthalate	15.573	149	401488	45.430	ng		99
61)	4-Chlorophenyl-phenyle...	15.802	204	230129	43.689	ng		100
62)	4-Nitroaniline	15.820	138	78137	43.048	ng		94
63)	Azobenzene	16.096	77	331994	45.165	ng		96
65)	4,6-Dinitro-2-methylph...	15.878	198	83214	51.336	ng		94
66)	n-Nitrosodiphenylamine	16.013	169	356141	46.572	ng		100
67)	4-Bromophenyl-phenylether	16.689	248	177170	46.211	ng		99
68)	Hexachlorobenzene	16.818	284	206644	44.487	ng		95
69)	Atrazine	16.948	200	173494	47.056	ng		98
70)	Pentachlorophenol	17.153	266	263055	94.493	ng		94
71)	Phenanthrene	17.547	178	716335	44.845	ng		99
72)	Anthracene	17.635	178	734457	45.092	ng		99
73)	Carbazole	17.899	167	647303	46.229	ng		100
74)	Di-n-butylphthalate	18.452	149	742374	47.523	ng		99
75)	Fluoranthene	19.539	202	949599	43.474	ng		100
77)	Benzidine	19.709	184	184638	16.000	ng		98
78)	Pyrene	19.897	202	991390	45.906	ng		99
80)	Butylbenzylphthalate	20.773	149	355169	46.756	ng		94
81)	Benzo(a)anthracene	21.736	228	1143294	43.635	ng		99
82)	3,3'-Dichlorobenzidine	21.642	252	115567	11.983	ng		97
83)	Chrysene	21.807	228	1069042	43.278	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.636	149	507001	45.675	ng		99
85)	Di-n-octyl phthalate	22.858	149	839392	43.747	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.746	276	1247633	47.630	ng	#	98
88)	Benzo(b)fluoranthene	23.981	252	1090713	44.953	ng		99
89)	Benzo(k)fluoranthene	24.051	252	1108341	45.468	ng		100
90)	Benzo(a)pyrene	24.862	252	1021371	45.379	ng		99
91)	Dibenzo(a,h)anthracene	28.822	278	1030255	48.011	ng		96
92)	Benzo(g,h,i)perylene	29.921	276	981650	47.532	ng		98

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

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