Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064937.D
Acq On : 11 Dec 2025 16:54
Operator : RC/JU
Sample : Q3814-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 18:00:35 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

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.154	152	17857	20.000	ng	#-0.01
21) Naphthalene-d8	10.968	136	69258	20.000	ng	#-0.02
39) Acenaphthene-d10	14.770	164	59301	20.000	ng	0.00
64) Phenanthrene-d10	17.496	188	160416	20.000	ng	# 0.00
76) Chrysene-d12	21.750	240	199439	20.000	ng	# 0.00
86) Perylene-d12	25.005	264	220404	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	127809	124.983	ng	0.00
7) Phenol-d6	7.308	99	157003	115.434	ng	0.00
23) Nitrobenzene-d5	9.317	82	119152	85.062	ng	-0.01
42) 2,4,6-Tribromophenol	16.245	330	213497	184.598	ng	0.00
45) 2-Fluorobiphenyl	13.395	172	389974	91.760	ng	-0.01
79) Terphenyl-d14	20.081	244	1050918	103.653	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.524	88	11137	28.132	ng	# 60
3) Pyridine	3.941	79	29173	24.732	ng	97
4) n-Nitrosodimethylamine	3.841	42	24415	40.667	ng	84
6) Aniline	7.467	93	21164	11.674	ng	95
8) 2-Chlorophenol	7.719	128	50795	45.237	ng	93
9) Benzaldehyde	7.279	77	16072	18.052	ng	100
10) Phenol	7.331	94	58941	39.829	ng	92
11) bis(2-Chloroethyl)ether	7.561	93	38482	36.543	ng	99
12) 1,3-Dichlorobenzene	8.042	146	46685	36.132	ng	96
13) 1,4-Dichlorobenzene	8.189	146	49696	37.773	ng	100
14) 1,2-Dichlorobenzene	8.512	146	48970	38.388	ng	98
15) Benzyl Alcohol	8.383	79	51587	46.208	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.671	45	76345	30.629	ng	98
17) 2-Methylphenol	8.595	107	46397	44.310	ng	95
18) Hexachloroethane	9.253	117	17108	34.333	ng	# 85
19) n-Nitroso-di-n-propyla...	8.959	70	37445	40.717	ng	98
20) 3+4-Methylphenols	8.918	107	63931	44.568	ng	95
22) Acetophenone	8.971	105	81914	43.412	ng	# 99
24) Nitrobenzene	9.359	77	58665	41.449	ng	99
25) Isophorone	9.887	82	109864	41.186	ng	95
26) 2-Nitrophenol	10.075	139	31247	49.083	ng	98
27) 2,4-Dimethylphenol	10.128	122	54584	48.262	ng	94
28) bis(2-Chloroethoxy)met...	10.357	93	58258	39.782	ng	96
29) 2,4-Dichlorophenol	10.610	162	66489	54.757	ng	96
30) 1,2,4-Trichlorobenzene	10.833	180	70381	48.001	ng	99
31) Naphthalene	11.021	128	166993	42.534	ng	98
32) Benzoic acid	10.240	122	19950	27.812	ng	# 82
33) 4-Chloroaniline	11.127	127	5694	3.626	ng	# 90
34) Hexachlorobutadiene	11.309	225	60650	48.209	ng	94
35) Caprolactam	11.885	113	16055m	44.207	ng	
36) 4-Chloro-3-methylphenol	12.232	107	68705	50.835	ng	96
37) 2-Methylnaphthalene	12.614	142	122053	41.543	ng	94
38) 1-Methylnaphthalene	12.831	142	129826	44.484	ng	100
40) 1,2,4,5-Tetrachloroben...	12.978	216	118865	51.505	ng	99
41) Hexachlorocyclopentadiene	12.960	237	152034	91.908	ng	97
43) 2,4,6-Trichlorophenol	13.213	196	77046	56.882	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.283	196	88200	58.059	ng		96
46) 1,1'-Biphenyl	13.606	154	203317	47.736	ng		95
47) 2-Chloronaphthalene	13.653	162	159359	47.492	ng		98
48) 2-Nitroaniline	13.842	65	52396	48.548	ng		97
49) Acenaphthylene	14.494	152	281787	49.155	ng		99
50) Dimethylphthalate	14.212	163	244558	52.207	ng		99
51) 2,6-Dinitrotoluene	14.329	165	49499	54.914	ng		98
52) Acenaphthene	14.829	154	189309	55.077	ng		96
53) 3-Nitroaniline	14.658	138	7827	8.798	ng		97
54) 2,4-Dinitrophenol	14.864	184	48843	79.200	ng		92
55) Dibenzofuran	15.163	168	289391	50.927	ng		98
56) 4-Nitrophenol	14.964	139	68822	97.502	ng		90
57) 2,4-Dinitrotoluene	15.111	165	75306	55.726	ng	#	96
58) Fluorene	15.804	166	235011	52.731	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.381	232	99652	66.484	ng		93
60) Diethylphthalate	15.563	149	241323	53.777	ng		98
61) 4-Chlorophenyl-phenyle...	15.792	204	151392	56.602	ng		97
62) 4-Nitroaniline	15.816	138	41755	45.304	ng	#	85
63) Azobenzene	16.086	77	170023	45.552	ng		90
65) 4,6-Dinitro-2-methylph...	15.874	198	44644	50.124	ng		89
66) n-Nitrosodiphenylamine	16.004	169	214085	50.950	ng		99
67) 4-Bromophenyl-phenylether	16.685	248	119799	56.868	ng		95
68) Hexachlorobenzene	16.809	284	144138	56.474	ng		95
69) Atrazine	16.944	200	95034	46.911	ng		97
70) Pentachlorophenol	17.149	266	157168	102.213	ng		100
71) Phenanthrene	17.537	178	428302	48.799	ng		100
72) Anthracene	17.631	178	431220	48.183	ng		98
73) Carbazole	17.890	167	367041	47.707	ng		99
74) Di-n-butylphthalate	18.436	149	410943	47.876	ng		99
75) Fluoranthene	19.535	202	567913	47.319	ng		97
77) Benzidine	19.717	184	63436m	10.621	ng		
78) Pyrene	19.893	202	582023	52.070	ng		98
80) Butylbenzylphthalate	20.757	149	181491	46.162	ng		93
81) Benzo(a)anthracene	21.726	228	668479	49.294	ng		99
82) 3,3'-Dichlorobenzidine	21.632	252	83344	16.697	ng		98
83) Chrysene	21.797	228	638397	49.933	ng		99
84) Bis(2-ethylhexyl)phtha...	21.621	149	258455	44.987	ng		98
85) Di-n-octyl phthalate	22.843	149	440303	44.337	ng		97
87) Indeno(1,2,3-cd)pyrene	28.736	276	843720	55.718	ng	#	99
88) Benzo(b)fluoranthene	23.971	252	709871	50.610	ng	#	98
89) Benzo(k)fluoranthene	24.041	252	684736	48.592	ng	#	98
90) Benzo(a)pyrene	24.852	252	662747	50.937	ng	#	99
91) Dibenzo(a,h)anthracene	28.795	278	718230	57.898	ng	#	96
92) Benzo(g,h,i)perylene	29.899	276	693079	58.053	ng	#	95

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

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