Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
Data File : BG064922.D
Acq On : 10 Dec 2025 15:49
Operator : RC/JU
Sample : Q3814-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 16:26:24 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-5MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.156	152	20499	20.000	ng		#-0.01
21) Naphthalene-d8	10.970	136	74235	20.000	ng		#-0.02
39) Acenaphthene-d10	14.766	164	63263	20.000	ng		-0.01
64) Phenanthrene-d10	17.498	188	168054	20.000	ng		# 0.00
76) Chrysene-d12	21.752	240	228052	20.000	ng		# 0.00
86) Perylene-d12	25.001	264	251029	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.694	112	114086	97.185	ng		0.00
7) Phenol-d6	7.304	99	147754	94.632	ng		0.00
23) Nitrobenzene-d5	9.313	82	98667	65.715	ng		-0.02
42) 2,4,6-Tribromophenol	16.240	330	168209	136.331	ng		-0.01
45) 2-Fluorobiphenyl	13.397	172	287662	63.447	ng		-0.01
79) Terphenyl-d14	20.083	244	790091	68.150	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.508	88	14259	31.376	ng		96
3) Pyridine	3.925	79	42626	31.479	ng		96
4) n-Nitrosodimethylamine	3.831	42	30298	43.962	ng		87
6) Aniline	7.468	93	26343	12.658	ng		97
8) 2-Chlorophenol	7.715	128	60034	46.575	ng		99
9) Benzaldehyde	7.274	77	40288	39.418	ng		94
10) Phenol	7.327	94	72223	42.514	ng		94
11) bis(2-Chloroethyl)ether	7.556	93	45061	37.276	ng		89
12) 1,3-Dichlorobenzene	8.044	146	67375	45.425	ng		95
13) 1,4-Dichlorobenzene	8.185	146	67252	44.529	ng		98
14) 1,2-Dichlorobenzene	8.514	146	66107	45.142	ng		98
15) Benzyl Alcohol	8.385	79	56261	43.899	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.667	45	89260	31.195	ng		97
17) 2-Methylphenol	8.590	107	50089	41.671	ng		94
18) Hexachloroethane	9.249	117	23893	41.769	ng	#	79
19) n-Nitroso-di-n-propyla...	8.955	70	40255	38.131	ng	#	98
20) 3+4-Methylphenols	8.914	107	69820	42.400	ng		94
22) Acetophenone	8.972	105	89895	44.448	ng	#	99
24) Nitrobenzene	9.360	77	65719	43.320	ng		98
25) Isophorone	9.883	82	116266	40.664	ng		95
26) 2-Nitrophenol	10.077	139	34674	50.814	ng		99
27) 2,4-Dimethylphenol	10.130	122	56897	46.934	ng		96
28) bis(2-Chloroethoxy)met...	10.359	93	62856	40.044	ng		96
29) 2,4-Dichlorophenol	10.612	162	70258	53.982	ng		96
30) 1,2,4-Trichlorobenzene	10.835	180	84496	53.764	ng		96
31) Naphthalene	11.023	128	188305	44.747	ng		98
32) Benzoic acid	10.265	122	42246m	49.208	ng		
33) 4-Chloroaniline	11.123	127	11571	6.874	ng		95
34) Hexachlorobutadiene	11.311	225	73888	54.794	ng		97
35) Caprolactam	11.875	113	19184m	49.281	ng		
36) 4-Chloro-3-methylphenol	12.227	107	69433	47.930	ng		91
37) 2-Methylnaphthalene	12.615	142	132494	42.073	ng		96
38) 1-Methylnaphthalene	12.833	142	138531	44.285	ng		99
40) 1,2,4,5-Tetrachloroben...	12.979	216	125475	50.964	ng		98
41) Hexachlorocyclopentadiene	12.962	237	178335	101.056	ng		98
43) 2,4,6-Trichlorophenol	13.209	196	76044	52.626	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.279	196	87531	54.010	ng		93
46)	1,1'-Biphenyl	13.608	154	206931	45.542	ng		98
47)	2-Chloronaphthalene	13.649	162	164707	46.011	ng		97
48)	2-Nitroaniline	13.843	65	52183	45.322	ng		94
49)	Acenaphthylene	14.489	152	288793	47.222	ng		99
50)	Dimethylphthalate	14.213	163	239750	47.975	ng		99
51)	2,6-Dinitrotoluene	14.331	165	50005	52.001	ng		95
52)	Acenaphthene	14.830	154	211447	57.665	ng		98
53)	3-Nitroaniline	14.660	138	9615	10.131	ng	#	77
54)	2,4-Dinitrophenol	14.860	184	82100	119.848	ng		91
55)	Dibenzofuran	15.159	168	287363	47.403	ng		98
56)	4-Nitrophenol	14.959	139	80566	106.991	ng		87
57)	2,4-Dinitrotoluene	15.112	165	77115	53.491	ng		97
58)	Fluorene	15.806	166	229075	48.180	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.383	232	96459	60.324	ng		95
60)	Diethylphthalate	15.565	149	237152	49.538	ng		97
61)	4-Chlorophenyl-phenyle...	15.794	204	147674	51.754	ng		96
62)	4-Nitroaniline	15.811	138	45375	46.149	ng		91
63)	Azobenzene	16.082	77	188785	47.411	ng		89
65)	4,6-Dinitro-2-methylph...	15.870	198	60058	64.366	ng		93
66)	n-Nitrosodiphenylamine	16.005	169	210641	47.852	ng		98
67)	4-Bromophenyl-phenylether	16.687	248	118511	53.700	ng		96
68)	Hexachlorobenzene	16.810	284	144437	54.019	ng		92
69)	Atrazine	16.939	200	110304	51.974	ng		98
70)	Pentachlorophenol	17.145	266	185163	114.181	ng		97
71)	Phenanthrene	17.539	178	450903	49.039	ng		99
72)	Anthracene	17.627	178	445106	47.474	ng		99
73)	Carbazole	17.891	167	378696	46.985	ng		99
74)	Di-n-butylphthalate	18.438	149	421640	46.890	ng		99
75)	Fluoranthene	19.536	202	636439	50.618	ng		98
77)	Benzidine	19.701	184	252308	36.942	ng		99
78)	Pyrene	19.895	202	656770	51.385	ng		98
80)	Butylbenzylphthalate	20.759	149	194202	43.198	ng		95
81)	Benzo(a)anthracene	21.728	228	745434	48.072	ng		99
82)	3,3'-Dichlorobenzidine	21.634	252	66881	11.718	ng	#	97
83)	Chrysene	21.799	228	705138	48.233	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.622	149	277962	42.312	ng		98
85)	Di-n-octyl phthalate	22.844	149	458606	40.386	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.732	276	924007	53.576	ng		99
88)	Benzo(b)fluoranthene	23.972	252	766633	47.989	ng	#	99
89)	Benzo(k)fluoranthene	24.037	252	772748	48.148	ng	#	99
90)	Benzo(a)pyrene	24.854	252	736171	49.678	ng	#	98
91)	Dibenzo(a,h)anthracene	28.790	278	765488	54.180	ng	#	97
92)	Benzo(g,h,i)perylene	29.901	276	745073	54.795	ng	#	97

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

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