Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
Data File : BG064696.D
Acq On : 5 Nov 2025 22:10
Operator : RC/JU
Sample : Q3532-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 06 00:11:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	14572	20.000	ng	#-0.02
21) Naphthalene-d8	11.028	136	72029	20.000	ng	-0.02
39) Acenaphthene-d10	14.824	164	74889	20.000	ng	-0.02
64) Phenanthrene-d10	17.562	188	250195	20.000	ng	-0.02
76) Chrysene-d12	21.839	240	309360	20.000	ng	#-0.02
86) Perylene-d12	25.165	264	312882	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	59039	68.005	ng	-0.01
7) Phenol-d6	7.338	99	98074	82.326	ng	-0.01
23) Nitrobenzene-d5	9.365	82	51959	43.327	ng	-0.02
42) 2,4,6-Tribromophenol	16.304	330	119644	110.692	ng	-0.01
45) 2-Fluorobiphenyl	13.455	172	158003	31.980	ng	-0.02
79) Terphenyl-d14	20.153	244	734564	44.810	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.566	88	12525	32.587	ng	# 94
3) Pyridine	3.978	79	37428	32.427	ng	97
4) n-Nitrosodimethylamine	3.878	42	26930	43.507	ng	94
6) Aniline	7.515	93	37256	22.983	ng	# 92
8) 2-Chlorophenol	7.761	128	51693	56.887	ng	93
9) Benzaldehyde	7.327	77	27361	42.070	ng	94
10) Phenol	7.368	94	72511	55.038	ng	93
11) bis(2-Chloroethyl)ether	7.609	93	41780	43.133	ng	96
12) 1,3-Dichlorobenzene	8.090	146	47034	44.971	ng	97
13) 1,4-Dichlorobenzene	8.237	146	48140	45.268	ng	95
14) 1,2-Dichlorobenzene	8.560	146	50820	49.545	ng	97
15) Benzyl Alcohol	8.431	79	54409	55.386	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.731	45	109047	42.918	ng	99
17) 2-Methylphenol	8.637	107	53230	60.854	ng	98
18) Hexachloroethane	9.301	117	17641	47.270	ng	94
19) n-Nitroso-di-n-propyla...	9.007	70	42013	51.030	ng	# 94
20) 3+4-Methylphenols	8.960	107	76086	61.851	ng	95
22) Acetophenone	9.025	105	83535	42.425	ng	95
24) Nitrobenzene	9.407	77	62692	48.064	ng	95
25) Isophorone	9.941	82	128811	44.763	ng	97
26) 2-Nitrophenol	10.129	139	29249	57.458	ng	# 91
27) 2,4-Dimethylphenol	10.176	122	59019	55.138	ng	99
28) bis(2-Chloroethoxy)met...	10.417	93	69441	42.383	ng	100
29) 2,4-Dichlorophenol	10.664	162	67727	58.793	ng	95
30) 1,2,4-Trichlorobenzene	10.887	180	63393	48.434	ng	96
31) Naphthalene	11.081	128	174871	43.788	ng	99
32) Benzoic acid	10.288	122	39529m	48.345	ng	
33) 4-Chloroaniline	11.175	127	29117	18.758	ng	92
34) Hexachlorobutadiene	11.369	225	47802	46.700	ng	98
35) Caprolactam	11.939	113	27127m	61.398	ng	
36) 4-Chloro-3-methylphenol	12.280	107	91710	66.233	ng	95
37) 2-Methylnaphthalene	12.673	142	136350	46.504	ng	99
38) 1-Methylnaphthalene	12.885	142	141056	48.597	ng	99
40) 1,2,4,5-Tetrachloroben...	13.032	216	106958	42.556	ng	99
41) Hexachlorocyclopentadiene	13.020	237	120900	106.872	ng	96
43) 2,4,6-Trichlorophenol	13.261	196	79746	55.470	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.337	196	94671	57.064	ng		96
46)	1,1'-Biphenyl	13.666	154	229375	43.082	ng		98
47)	2-Chloronaphthalene	13.707	162	171531	42.682	ng		99
48)	2-Nitroaniline	13.895	65	76121	55.856	ng		90
49)	Acenaphthylene	14.553	152	344520	54.350	ng		98
50)	Dimethylphthalate	14.271	163	294799	51.444	ng		99
51)	2,6-Dinitrotoluene	14.383	165	59978	62.406	ng		98
52)	Acenaphthene	14.888	154	239036	55.194	ng		99
53)	3-Nitroaniline	14.712	138	34603	35.136	ng	#	97
54)	2,4-Dinitrophenol	14.918	184	84397	140.901	ng	#	38
55)	Dibenzofuran	15.223	168	349742	49.951	ng		98
56)	4-Nitrophenol	15.012	139	129284	141.594	ng	#	89
57)	2,4-Dinitrotoluene	15.170	165	102991	69.021	ng		94
58)	Fluorene	15.870	166	294327	53.826	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.447	232	117370	73.983	ng		97
60)	Diethylphthalate	15.629	149	317035	54.183	ng		99
61)	4-Chlorophenyl-phenyle...	15.858	204	168896	55.039	ng		97
62)	4-Nitroaniline	15.875	138	78055	71.243	ng		94
63)	Azobenzene	16.152	77	286634	53.391	ng		96
65)	4,6-Dinitro-2-methylph...	15.934	198	67010	59.412	ng		94
66)	n-Nitrosodiphenylamine	16.063	169	288003	42.614	ng		98
67)	4-Bromophenyl-phenylether	16.751	248	136142	45.918	ng		94
68)	Hexachlorobenzene	16.874	284	163015	48.194	ng		95
69)	Atrazine	17.009	200	156840	53.926	ng		98
70)	Pentachlorophenol	17.209	266	195291	92.588	ng		90
71)	Phenanthrene	17.609	178	637933	46.625	ng		100
72)	Anthracene	17.697	178	656902	47.198	ng		99
73)	Carbazole	17.961	167	639023	52.067	ng		99
74)	Di-n-butylphthalate	18.514	149	718000	50.591	ng		99
75)	Fluoranthene	19.600	202	956889	55.827	ng		98
77)	Benzidine	19.771	184	229389	33.096	ng		99
78)	Pyrene	19.965	202	990420	49.002	ng		100
80)	Butylbenzylphthalate	20.834	149	321147	52.571	ng		95
81)	Benzo(a)anthracene	21.821	228	978148	47.686	ng		99
82)	3,3'-Dichlorobenzidine	21.722	252	155363	22.682	ng		97
83)	Chrysene	21.886	228	910376	46.643	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.716	149	435682	47.730	ng		99
85)	Di-n-octyl phthalate	22.973	149	693599	45.069	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.984	276	1128650	49.036	ng	#	92
88)	Benzo(b)fluoranthene	24.107	252	925135	48.220	ng		99
89)	Benzo(k)fluoranthene	24.177	252	941440m	49.036	ng		
90)	Benzo(a)pyrene	25.012	252	886769	50.282	ng	#	99
91)	Dibenzo(a,h)anthracene	29.048	278	934094	49.953	ng	#	96
92)	Benzo(g,h,i)perylene	30.176	276	894952	50.101	ng	#	97

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

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