Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
Data File : BG064697.D
Acq On : 5 Nov 2025 22:51
Operator : RC/JU
Sample : Q3532-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Quant Time: Nov 06 00:11:59 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.202	152	17578	20.000	ng		-0.02
21) Naphthalene-d8	11.028	136	79582	20.000	ng		#-0.02
39) Acenaphthene-d10	14.830	164	87377	20.000	ng		-0.01
64) Phenanthrene-d10	17.562	188	283672	20.000	ng		-0.02
76) Chrysene-d12	21.839	240	309900	20.000	ng		#-0.02
86) Perylene-d12	25.165	264	316358	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.735	112	72528	69.256	ng		-0.01
7) Phenol-d6	7.339	99	116176	80.844	ng		-0.01
23) Nitrobenzene-d5	9.366	82	65164	49.181	ng		-0.02
42) 2,4,6-Tribromophenol	16.305	330	143108	113.478	ng		-0.01
45) 2-Fluorobiphenyl	13.455	172	186288	32.316	ng		-0.02
79) Terphenyl-d14	20.153	244	792499	48.260	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.567	88	15318	33.038	ng		97
3) Pyridine	3.978	79	44338	31.844	ng		100
4) n-Nitrosodimethylamine	3.884	42	31618	42.346	ng		94
6) Aniline	7.515	93	45067	23.047	ng		99
8) 2-Chlorophenol	7.762	128	61619	56.214	ng		92
9) Benzaldehyde	7.327	77	33428	42.609	ng		97
10) Phenol	7.368	94	89579	56.366	ng		93
11) bis(2-Chloroethyl)ether	7.603	93	49024	41.957	ng		93
12) 1,3-Dichlorobenzene	8.091	146	59205	46.927	ng		94
13) 1,4-Dichlorobenzene	8.238	146	61202	47.709	ng		98
14) 1,2-Dichlorobenzene	8.561	146	60684	49.044	ng		97
15) Benzyl Alcohol	8.432	79	65154	54.982	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.731	45	129493	42.250	ng		97
17) 2-Methylphenol	8.637	107	63623	60.297	ng		96
18) Hexachloroethane	9.307	117	21959	48.778	ng		94
19) n-Nitroso-di-n-propyla...	9.007	70	51668	52.025	ng		98
20) 3+4-Methylphenols	8.960	107	90616	61.066	ng		97
22) Acetophenone	9.025	105	100262	46.088	ng	#	96
24) Nitrobenzene	9.407	77	77100	53.500	ng		92
25) Isophorone	9.936	82	156544	49.238	ng		98
26) 2-Nitrophenol	10.124	139	35495	62.802	ng	#	91
27) 2,4-Dimethylphenol	10.177	122	72084	60.952	ng		96
28) bis(2-Chloroethoxy)met...	10.417	93	83064	45.886	ng		97
29) 2,4-Dichlorophenol	10.664	162	81565	64.086	ng		98
30) 1,2,4-Trichlorobenzene	10.887	180	75255	52.040	ng		97
31) Naphthalene	11.081	128	210542	47.717	ng		100
32) Benzoic acid	10.300	122	49432m	53.795	ng		
33) 4-Chloroaniline	11.175	127	31435	18.330	ng		94
34) Hexachlorobutadiene	11.369	225	56332	49.811	ng		90
35) Caprolactam	11.939	113	32382m	66.336	ng		
36) 4-Chloro-3-methylphenol	12.280	107	108106	70.664	ng		95
37) 2-Methylnaphthalene	12.674	142	161078	49.724	ng		99
38) 1-Methylnaphthalene	12.891	142	168736	52.616	ng		96
40) 1,2,4,5-Tetrachloroben...	13.032	216	125664	42.853	ng		99
41) Hexachlorocyclopentadiene	13.020	237	146854	111.261	ng		96
43) 2,4,6-Trichlorophenol	13.267	196	95556	56.967	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.338	196	116984	60.435	ng		96
46)	1,1'-Biphenyl	13.667	154	269225	43.340	ng		96
47)	2-Chloronaphthalene	13.708	162	206951	44.136	ng		99
48)	2-Nitroaniline	13.902	65	91023	57.165	ng		95
49)	Acenaphthylene	14.554	152	398066	53.822	ng		99
50)	Dimethylphthalate	14.272	163	348825	52.172	ng		98
51)	2,6-Dinitrotoluene	14.389	165	72869	64.851	ng		92
52)	Acenaphthene	14.889	154	287876	56.971	ng		99
53)	3-Nitroaniline	14.718	138	36486	31.754	ng	#	97
54)	2,4-Dinitrophenol	14.918	184	97599	139.703	ng	#	39
55)	Dibenzofuran	15.224	168	408270	49.977	ng		99
56)	4-Nitrophenol	15.018	139	149019	139.882	ng		91
57)	2,4-Dinitrotoluene	15.171	165	118276	67.984	ng	#	93
58)	Fluorene	15.870	166	337165	52.848	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.441	232	139362	75.290	ng		97
60)	Diethylphthalate	15.629	149	369452	54.118	ng		98
61)	4-Chlorophenyl-phenyle...	15.858	204	196502	54.883	ng		98
62)	4-Nitroaniline	15.876	138	89993	70.399	ng		90
63)	Azobenzene	16.152	77	337984	53.958	ng		95
65)	4,6-Dinitro-2-methylph...	15.935	198	81519	63.350	ng		97
66)	n-Nitrosodiphenylamine	16.070	169	339832	44.349	ng		97
67)	4-Bromophenyl-phenylether	16.751	248	158236	47.071	ng		96
68)	Hexachlorobenzene	16.875	284	189267	49.352	ng		98
69)	Atrazine	17.010	200	182985	55.491	ng		98
70)	Pentachlorophenol	17.215	266	234407	98.017	ng		97
71)	Phenanthrene	17.609	178	743519	47.929	ng		100
72)	Anthracene	17.697	178	762352	48.310	ng		99
73)	Carbazole	17.962	167	720370	51.768	ng		99
74)	Di-n-butylphthalate	18.514	149	801919	49.836	ng		99
75)	Fluoranthene	19.601	202	1052096	54.138	ng		97
77)	Benzidine	19.771	184	234457	33.769	ng		99
78)	Pyrene	19.965	202	1074241	53.056	ng		99
80)	Butylbenzylphthalate	20.835	149	334144	54.604	ng		96
81)	Benzo(a)anthracene	21.816	228	1004587	48.890	ng		99
82)	3,3'-Dichlorobenzidine	21.722	252	157999	23.026	ng	#	99
83)	Chrysene	21.886	228	927875	47.457	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.722	149	441985	48.336	ng	#	98
85)	Di-n-octyl phthalate	22.973	149	713288	46.268	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.990	276	1170981	50.316	ng	#	96
88)	Benzo(b)fluoranthene	24.107	252	953438	49.149	ng	#	98
89)	Benzo(k)fluoranthene	24.178	252	985420m	50.763	ng		
90)	Benzo(a)pyrene	25.012	252	917194	51.436	ng	#	98
91)	Dibenzo(a,h)anthracene	29.060	278	960877	50.821	ng	#	97
92)	Benzo(g,h,i)perylene	30.188	276	924279	51.174	ng		94

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

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