Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
Data File : BG064283.D
Acq On : 4 Sep 2025 15:01
Operator : RC/JU
Sample : Q3003-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 15:39:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-231MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.855	152	30578	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	135975	20.000	ng		#-0.01
39) Acenaphthene-d10	14.482	164	94592	20.000	ng		0.00
64) Phenanthrene-d10	17.220	188	216727	20.000	ng		0.00
76) Chrysene-d12	21.457	240	219333	20.000	ng		0.00
86) Perylene-d12	24.465	264	242390	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	221834	130.156	ng		0.00
7) Phenol-d6	7.026	99	302571	129.220	ng		0.00
23) Nitrobenzene-d5	9.006	82	212192	87.031	ng		-0.01
42) 2,4,6-Tribromophenol	15.969	330	175356	139.959	ng		0.00
45) 2-Fluorobiphenyl	13.107	172	536494	86.570	ng		0.00
79) Terphenyl-d14	19.841	244	947126	90.093	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	25204	35.479	ng		94
3) Pyridine	3.742	79	70496	33.712	ng	#	59
4) n-Nitrosodimethylamine	3.660	42	60147	43.485	ng		95
6) Aniline	7.185	93	73910	22.826	ng		98
8) 2-Chlorophenol	7.420	128	101088	48.537	ng		97
9) Benzaldehyde	6.991	77	39856	20.683	ng		97
10) Phenol	7.056	94	123506	47.842	ng		94
11) bis(2-Chloroethyl)ether	7.279	93	79944	41.210	ng		98
12) 1,3-Dichlorobenzene	7.743	146	103998	46.937	ng		97
13) 1,4-Dichlorobenzene	7.890	146	103777	46.409	ng		97
14) 1,2-Dichlorobenzene	8.207	146	103108	47.776	ng		96
15) Benzyl Alcohol	8.090	79	99037	45.833	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.378	45	161800	36.532	ng		97
17) 2-Methylphenol	8.295	107	83891	43.603	ng		96
18) Hexachloroethane	8.936	117	39072	44.762	ng		92
19) n-Nitroso-di-n-propyla...	8.660	70	71540	39.921	ng		93
20) 3+4-Methylphenols	8.624	107	115211	43.095	ng		94
22) Acetophenone	8.672	105	152098	44.214	ng	#	98
24) Nitrobenzene	9.048	77	114588	44.983	ng		99
25) Isophorone	9.570	82	207759	41.001	ng		98
26) 2-Nitrophenol	9.758	139	53856	48.928	ng		88
27) 2,4-Dimethylphenol	9.823	122	99925	51.708	ng		98
28) bis(2-Chloroethoxy)met...	10.052	93	112855	41.304	ng		97
29) 2,4-Dichlorophenol	10.293	162	100213	49.147	ng		97
30) 1,2,4-Trichlorobenzene	10.505	180	107351	49.932	ng		97
31) Naphthalene	10.693	128	311069	44.117	ng		97
32) Benzoic acid	9.988	122	80535m	52.500	ng		
33) 4-Chloroaniline	10.798	127	37620	13.766	ng		93
34) Hexachlorobutadiene	10.986	225	76849	48.356	ng	#	88
35) Caprolactam	11.580	113	32609m	41.302	ng		
36) 4-Chloro-3-methylphenol	11.932	107	121603	45.965	ng		96
37) 2-Methylnaphthalene	12.303	142	213233	40.685	ng		97
38) 1-Methylnaphthalene	12.520	142	224333	43.335	ng		99
40) 1,2,4,5-Tetrachloroben...	12.673	216	136168	49.892	ng		99
41) Hexachlorocyclopentadiene	12.655	237	181167	139.667	ng		96
43) 2,4,6-Trichlorophenol	12.914	196	92345	50.622	ng		91

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.984	196	99224	50.142	ng		97
46)	1,1'-Biphenyl	13.313	154	320552	46.527	ng		98
47)	2-Chloronaphthalene	13.354	162	237488	45.851	ng		96
48)	2-Nitroaniline	13.554	65	85862	48.637	ng		95
49)	Acenaphthylene	14.200	152	394070	51.468	ng		97
50)	Dimethylphthalate	13.942	163	306481	42.806	ng		100
51)	2,6-Dinitrotoluene	14.053	165	68426	49.366	ng		98
52)	Acenaphthene	14.547	154	243642	45.091	ng		98
53)	3-Nitroaniline	14.382	138	41699	28.720	ng		97
54)	2,4-Dinitrophenol	14.594	184	96406	104.586	ng	#	83
55)	Dibenzofuran	14.882	168	391719	46.090	ng		97
56)	4-Nitrophenol	14.700	139	118839	99.780	ng		90
57)	2,4-Dinitrotoluene	14.841	165	103822	49.538	ng	#	94
58)	Fluorene	15.528	166	326199	46.828	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.105	232	100972	53.052	ng		97
60)	Diethylphthalate	15.305	149	331930	43.318	ng		99
61)	4-Chlorophenyl-phenyle...	15.522	204	160268	46.145	ng		98
62)	4-Nitroaniline	15.546	138	70046	47.278	ng		98
63)	Azobenzene	15.816	77	336575	49.282	ng		96
65)	4,6-Dinitro-2-methylph...	15.605	198	68651	55.173	ng		97
66)	n-Nitrosodiphenylamine	15.740	169	282417	47.370	ng		98
67)	4-Bromophenyl-phenylether	16.415	248	111645	48.501	ng		97
68)	Hexachlorobenzene	16.533	284	122542	47.938	ng		94
69)	Atrazine	16.692	200	119597	48.043	ng		96
70)	Pentachlorophenol	16.874	266	170377	109.924	ng		92
71)	Phenanthrene	17.267	178	637909	55.806	ng		99
72)	Anthracene	17.355	178	549505	47.258	ng		99
73)	Carbazole	17.626	167	485803	47.427	ng		99
74)	Di-n-butylphthalate	18.190	149	573286	46.584	ng		99
75)	Fluoranthene	19.277	202	832099	61.909	ng		98
77)	Benzidine	19.453	184	74321	16.108	ng		97
78)	Pyrene	19.635	202	807627	58.446	ng		99
80)	Butylbenzylphthalate	20.534	149	254673	48.864	ng		92
81)	Benzo(a)anthracene	21.433	228	766323	54.613	ng		100
82)	3,3'-Dichlorobenzidine	21.351	252	73303	16.040	ng		99
83)	Chrysene	21.498	228	724115	53.753	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.363	149	376359	48.098	ng		98
85)	Di-n-octyl phthalate	22.502	149	657256	48.206	ng		97
87)	Indeno(1,2,3-cd)pyrene	27.873	276	872399	52.703	ng	#	97
88)	Benzo(b)fluoranthene	23.525	252	788825	57.662	ng		99
89)	Benzo(k)fluoranthene	23.583	252	737256	52.899	ng	#	97
90)	Benzo(a)pyrene	24.330	252	717378	56.373	ng		98
91)	Dibenzo(a,h)anthracene	27.925	278	662768	49.867	ng		98
92)	Benzo(g,h,i)perylene	28.930	276	703986	54.435	ng		96

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

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