Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
Data File : BG064327.D
Acq On : 9 Sep 2025 17:10
Operator : RC/JU
Sample : Q3023-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 09 17:50:53 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 :
TP-1MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	21435	20.000	ng		-0.01
21) Naphthalene-d8	10.638	136	87069	20.000	ng		#-0.01
39) Acenaphthene-d10	14.475	164	65033	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	154698	20.000	ng		# 0.00
76) Chrysene-d12	21.449	240	181903	20.000	ng		0.00
86) Perylene-d12	24.457	264	200513	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	159106	133.171	ng		0.00
7) Phenol-d6	7.025	99	194046	118.221	ng		0.00
23) Nitrobenzene-d5	9.005	82	164884	105.613	ng		-0.01
42) 2,4,6-Tribromophenol	15.967	330	152811	177.400	ng		0.00
45) 2-Fluorobiphenyl	13.100	172	412167	96.737	ng		-0.01
79) Terphenyl-d14	19.833	244	893130	102.438	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	15825	31.778	ng	#	39
3) Pyridine	3.758	79	41905	28.587	ng	#	57
4) n-Nitrosodimethylamine	3.658	42	40921	42.204	ng	#	94
6) Aniline	7.177	93	47354	20.862	ng		99
8) 2-Chlorophenol	7.418	128	61492	42.119	ng		97
9) Benzaldehyde	6.989	77	34019	25.185	ng		91
10) Phenol	7.048	94	68089	37.626	ng		90
11) bis(2-Chloroethyl)ether	7.271	93	47655	35.044	ng		98
12) 1,3-Dichlorobenzene	7.736	146	58444	37.628	ng		95
13) 1,4-Dichlorobenzene	7.882	146	60826	38.804	ng		96
14) 1,2-Dichlorobenzene	8.200	146	58290	38.530	ng		95
15) Benzyl Alcohol	8.088	79	68205	45.028	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.370	45	88961	28.654	ng		96
17) 2-Methylphenol	8.294	107	54177	40.170	ng		91
18) Hexachloroethane	8.928	117	21274	34.768	ng	#	88
19) n-Nitroso-di-n-propyla...	8.652	70	47999	38.209	ng		98
20) 3+4-Methylphenols	8.617	107	74398	39.699	ng		95
22) Acetophenone	8.670	105	110388	50.114	ng	#	99
24) Nitrobenzene	9.046	77	75027	45.996	ng		96
25) Isophorone	9.569	82	137193	42.282	ng		98
26) 2-Nitrophenol	9.751	139	36244	51.423	ng	#	86
27) 2,4-Dimethylphenol	9.816	122	64363	52.013	ng		98
28) bis(2-Chloroethoxy)met...	10.051	93	72644	41.521	ng		96
29) 2,4-Dichlorophenol	10.291	162	69236	53.028	ng		95
30) 1,2,4-Trichlorobenzene	10.503	180	68386	49.675	ng		98
31) Naphthalene	10.685	128	195265	43.248	ng		98
32) Benzoic acid	9.962	122	42809	43.581	ng	#	88
33) 4-Chloroaniline	10.797	127	15190	8.680	ng		94
34) Hexachlorobutadiene	10.979	225	51092	50.207	ng		88
35) Caprolactam	11.561	113	19256m	38.089	ng		
36) 4-Chloro-3-methylphenol	11.925	107	82086	48.456	ng		93
37) 2-Methylnaphthalene	12.295	142	137180	40.876	ng		97
38) 1-Methylnaphthalene	12.518	142	146844	44.299	ng		99
40) 1,2,4,5-Tetrachloroben...	12.665	216	100796	53.718	ng		99
41) Hexachlorocyclopentadiene	12.647	237	106049	118.917	ng		92
43) 2,4,6-Trichlorophenol	12.906	196	63970	51.006	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	71828	52.796	ng		96
46) 1,1'-Biphenyl	13.311	154	238970	50.451	ng		96
47) 2-Chloronaphthalene	13.353	162	158331	44.463	ng		98
48) 2-Nitroaniline	13.552	65	60978	50.241	ng		98
49) Acenaphthylene	14.199	152	280873	53.358	ng		99
50) Dimethylphthalate	13.934	163	231319	46.993	ng		99
51) 2,6-Dinitrotoluene	14.052	165	50228	52.707	ng		99
52) Acenaphthene	14.539	154	161877	43.576	ng		96
53) 3-Nitroaniline	14.375	138	25472	25.518	ng		100
54) 2,4-Dinitrophenol	14.586	184	55330	88.241	ng	#	84
55) Dibenzofuran	14.874	168	275155	47.090	ng		99
56) 4-Nitrophenol	14.698	139	77117	94.179	ng		91
57) 2,4-Dinitrotoluene	14.839	165	79290	55.029	ng		95
58) Fluorene	15.526	166	232054	48.454	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.103	232	73526	56.190	ng		95
60) Diethylphthalate	15.303	149	251948	47.825	ng		99
61) 4-Chlorophenyl-phenyle...	15.521	204	119164	49.905	ng		98
62) 4-Nitroaniline	15.544	138	52845	51.881	ng	#	87
63) Azobenzene	15.814	77	210729	44.880	ng		95
65) 4,6-Dinitro-2-methylph...	15.603	198	49033	55.207	ng		90
66) n-Nitrosodiphenylamine	15.732	169	206857	48.608	ng		99
67) 4-Bromophenyl-phenylether	16.414	248	84657	51.523	ng		94
68) Hexachlorobenzene	16.525	284	95851	52.532	ng		94
69) Atrazine	16.684	200	93273	52.492	ng		96
70) Pentachlorophenol	16.872	266	131829	119.157	ng		96
71) Phenanthrene	17.260	178	396503	48.595	ng		99
72) Anthracene	17.348	178	408102	49.170	ng		99
73) Carbazole	17.618	167	377254	51.597	ng		97
74) Di-n-butylphthalate	18.188	149	452961	51.565	ng	#	98
75) Fluoranthene	19.269	202	506469	52.791	ng		97
77) Benzidine	19.451	184	57806m	15.106	ng		
78) Pyrene	19.633	202	522870	45.625	ng		100
80) Butylbenzylphthalate	20.526	149	213350	49.358	ng		97
81) Benzo(a)anthracene	21.431	228	563855	48.452	ng		99
82) 3,3'-Dichlorobenzidine	21.355	252	106187	28.017	ng		98
83) Chrysene	21.496	228	532126	47.629	ng		100
84) Bis(2-ethylhexyl)phtha...	21.355	149	312739	48.191	ng		99
85) Di-n-octyl phthalate	22.495	149	538013	47.580	ng		97
87) Indeno(1,2,3-cd)pyrene	27.847	276	708645	51.751	ng	#	98
88) Benzo(b)fluoranthene	23.511	252	573179	50.649	ng	#	98
89) Benzo(k)fluoranthene	23.576	252	583406	50.603	ng	#	96
90) Benzo(a)pyrene	24.322	252	556029	52.819	ng	#	96
91) Dibenzo(a,h)anthracene	27.906	278	578873	52.651	ng		98
92) Benzo(g,h,i)perylene	28.911	276	561608	52.495	ng	#	92

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

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