Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064524.D
Acq On : 16 Oct 2025 20:22
Operator : RC/JU
Sample : Q3352-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 16 22:00:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	13679	20.000	ng		0.00
21) Naphthalene-d8	10.603	136	55529	20.000	ng	#	0.00
39) Acenaphthene-d10	14.445	164	42105	20.000	ng		0.00
64) Phenanthrene-d10	17.189	188	106014	20.000	ng	#	0.00
76) Chrysene-d12	21.414	240	121548	20.000	ng		0.00
86) Perylene-d12	24.393	264	136333	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.409	112	91574	123.894	ng		0.00
7) Phenol-d6	6.995	99	117721	118.518	ng		0.00
23) Nitrobenzene-d5	8.969	82	79308	76.796	ng		0.00
42) 2,4,6-Tribromophenol	15.938	330	96157	125.990	ng		0.00
45) 2-Fluorobiphenyl	13.071	172	211721	74.119	ng		0.00
79) Terphenyl-d14	19.804	244	459397	71.528	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	11808	40.389	ng		91
3) Pyridine	3.699	79	30699	39.071	ng		94
4) n-Nitrosodimethylamine	3.617	42	29363	51.550	ng		95
6) Aniline	7.142	93	33539	26.769	ng		99
8) 2-Chlorophenol	7.383	128	49511	54.550	ng		96
9) Benzaldehyde	6.954	77	21320	24.180	ng		96
10) Phenol	7.025	94	56275	53.707	ng		97
11) bis(2-Chloroethyl)ether	7.242	93	35658	50.251	ng		98
12) 1,3-Dichlorobenzene	7.706	146	52743	53.122	ng		92
13) 1,4-Dichlorobenzene	7.853	146	54061	54.253	ng		97
14) 1,2-Dichlorobenzene	8.165	146	52765	53.727	ng		96
15) Benzyl Alcohol	8.059	79	48944	53.506	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.347	45	53879	47.105	ng		93
17) 2-Methylphenol	8.264	107	41198	54.298	ng		98
18) Hexachloroethane	8.893	117	19933	50.678	ng		92
19) n-Nitroso-di-n-propyla...	8.623	70	32765	49.324	ng		98
20) 3+4-Methylphenols	8.593	107	54726	51.687	ng		94
22) Acetophenone	8.635	105	83122	61.823	ng	#	99
24) Nitrobenzene	9.016	77	54933	53.341	ng	#	91
25) Isophorone	9.539	82	96138	51.387	ng	#	98
26) 2-Nitrophenol	9.722	139	27841	54.319	ng		95
27) 2,4-Dimethylphenol	9.786	122	46678	59.626	ng		90
28) bis(2-Chloroethoxy)met...	10.021	93	51496	53.999	ng		93
29) 2,4-Dichlorophenol	10.256	162	52449	57.937	ng		96
30) 1,2,4-Trichlorobenzene	10.468	180	56581	57.322	ng		96
31) Naphthalene	10.656	128	156374	54.686	ng		98
32) Benzoic acid	9.951	122	39131	65.105	ng		84
33) 4-Chloroaniline	10.767	127	16841	15.348	ng		96
34) Hexachlorobutadiene	10.944	225	45862	54.253	ng		89
35) Caprolactam	11.543	113	16026m	51.711	ng		
36) 4-Chloro-3-methylphenol	11.901	107	62434	56.712	ng		99
37) 2-Methylnaphthalene	12.266	142	106704	48.613	ng		98
38) 1-Methylnaphthalene	12.489	142	112386	51.349	ng		97
40) 1,2,4,5-Tetrachloroben...	12.636	216	82893	60.973	ng	#	97
41) Hexachlorocyclopentadiene	12.618	237	106456	149.697	ng		95
43) 2,4,6-Trichlorophenol	12.877	196	49098	56.495	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.953	196	54385	56.053	ng		91
46) 1,1'-Biphenyl	13.282	154	182156	60.151	ng		98
47) 2-Chloronaphthalene	13.317	162	123768	54.740	ng		98
48) 2-Nitroaniline	13.529	65	41720	54.064	ng		94
49) Acenaphthylene	14.169	152	211257	62.942	ng		98
50) Dimethylphthalate	13.911	163	169657	51.447	ng		98
51) 2,6-Dinitrotoluene	14.022	165	38132	55.509	ng		96
52) Acenaphthene	14.510	154	123120	52.799	ng		97
53) 3-Nitroaniline	14.351	138	18459	29.137	ng		95
54) 2,4-Dinitrophenol	14.563	184	50072	100.523	ng		90
55) Dibenzofuran	14.845	168	210528	54.679	ng		97
56) 4-Nitrophenol	14.680	139	61686	123.671	ng	#	82
57) 2,4-Dinitrotoluene	14.816	165	59502	56.662	ng		95
58) Fluorene	15.497	166	177232	55.370	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.074	232	59735	60.327	ng		99
60) Diethylphthalate	15.274	149	184977	52.289	ng		99
61) 4-Chlorophenyl-phenyle...	15.491	204	93256	53.365	ng		99
62) 4-Nitroaniline	15.521	138	37812	57.264	ng		88
63) Azobenzene	15.785	77	166233	60.675	ng		93
65) 4,6-Dinitro-2-methylph...	15.579	198	41597	56.354	ng		96
66) n-Nitrosodiphenylamine	15.703	169	152560	53.889	ng		95
67) 4-Bromophenyl-phenylether	16.384	248	65062	52.152	ng		95
68) Hexachlorobenzene	16.502	284	77800	54.499	ng		97
69) Atrazine	16.655	200	73691	58.507	ng		98
70) Pentachlorophenol	16.843	266	105417	126.298	ng		98
71) Phenanthrene	17.230	178	320147	57.746	ng		99
72) Anthracene	17.319	178	310004	55.738	ng		99
73) Carbazole	17.595	167	278859	58.005	ng		99
74) Di-n-butylphthalate	18.153	149	324975	55.374	ng		99
75) Fluoranthene	19.240	202	447290	67.533	ng		98
77) Benzidine	19.428	184	120751	39.924	ng		98
78) Pyrene	19.604	202	448838	56.901	ng		98
80) Butylbenzylphthalate	20.497	149	147731	52.832	ng		97
81) Benzo(a)anthracene	21.396	228	457808	58.989	ng		99
82) 3,3'-Dichlorobenzidine	21.320	252	63308	24.101	ng		97
83) Chrysene	21.461	228	424072	57.617	ng		97
84) Bis(2-ethylhexyl)phtha...	21.320	149	217145	55.038	ng		98
85) Di-n-octyl phthalate	22.448	149	368435	55.564	ng		99
87) Indeno(1,2,3-cd)pyrene	27.759	276	545943	57.531	ng	#	93
88) Benzo(b)fluoranthene	23.458	252	470088	60.610	ng		100
89) Benzo(k)fluoranthene	23.523	252	450089	57.619	ng		100
90) Benzo(a)pyrene	24.263	252	439921	61.543	ng		98
91) Dibenzo(a,h)anthracene	27.812	278	428821	56.506	ng	#	96
92) Benzo(g,h,i)perylene	28.805	276	443459	60.131	ng		99

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

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