Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
Data File : BG064284.D
Acq On : 4 Sep 2025 15:42
Operator : RC/JU
Sample : Q3003-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 16:34:43 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-231MSD

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	7.853	152	30799	20.000	ng		0.00
21) Naphthalene-d8	10.644	136	135665	20.000	ng	#	0.00
39) Acenaphthene-d10	14.481	164	94267	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	207051	20.000	ng	#	0.00
76) Chrysene-d12	21.455	240	215558	20.000	ng	#	0.00
86) Perylene-d12	24.463	264	238580	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	216314	126.007	ng		0.00
7) Phenol-d6	7.031	99	301268	127.741	ng		0.00
23) Nitrobenzene-d5	9.011	82	214378	88.128	ng		0.00
42) 2,4,6-Tribromophenol	15.973	330	175112	140.246	ng		0.00
45) 2-Fluorobiphenyl	13.106	172	529517	85.738	ng		0.00
79) Terphenyl-d14	19.839	244	921440	89.185	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	23654	33.058	ng		97
3) Pyridine	3.746	79	67969	32.270	ng	#	58
4) n-Nitrosodimethylamine	3.664	42	58908	42.284	ng		91
6) Aniline	7.183	93	78629	24.109	ng		97
8) 2-Chlorophenol	7.424	128	99090	47.236	ng		98
9) Benzaldehyde	6.989	77	39618	20.412	ng		95
10) Phenol	7.054	94	118437	45.549	ng		89
11) bis(2-Chloroethyl)ether	7.277	93	78664	40.260	ng		99
12) 1,3-Dichlorobenzene	7.742	146	101380	45.427	ng		98
13) 1,4-Dichlorobenzene	7.888	146	104767	46.515	ng		93
14) 1,2-Dichlorobenzene	8.206	146	100965	46.447	ng		96
15) Benzyl Alcohol	8.088	79	95890	44.059	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.382	45	158042	35.427	ng		97
17) 2-Methylphenol	8.300	107	84764	43.740	ng		97
18) Hexachloroethane	8.934	117	39460	44.882	ng		91
19) n-Nitroso-di-n-propyla...	8.658	70	73339	40.631	ng		95
20) 3+4-Methylphenols	8.623	107	115778	42.997	ng		96
22) Acetophenone	8.676	105	149050	43.427	ng	#	97
24) Nitrobenzene	9.052	77	113665	44.722	ng		98
25) Isophorone	9.575	82	203362	40.225	ng		99
26) 2-Nitrophenol	9.757	139	51900	47.259	ng	#	77
27) 2,4-Dimethylphenol	9.821	122	98611	51.144	ng		97
28) bis(2-Chloroethoxy)met...	10.056	93	112449	41.250	ng		96
29) 2,4-Dichlorophenol	10.291	162	99881	49.097	ng		94
30) 1,2,4-Trichlorobenzene	10.509	180	107470	50.102	ng		95
31) Naphthalene	10.691	128	310397	44.122	ng		98
32) Benzoic acid	9.980	122	78258m	51.132	ng		
33) 4-Chloroaniline	10.797	127	38038	13.951	ng		94
34) Hexachlorobutadiene	10.985	225	77509	48.883	ng		93
35) Caprolactam	11.572	113	32066m	40.707	ng		
36) 4-Chloro-3-methylphenol	11.931	107	122091	46.255	ng		92
37) 2-Methylnaphthalene	12.301	142	210796	40.312	ng		97
38) 1-Methylnaphthalene	12.524	142	220269	42.647	ng		97
40) 1,2,4,5-Tetrachloroben...	12.677	216	137136	50.420	ng		98
41) Hexachlorocyclopentadiene	12.653	237	172991	133.824	ng		93
43) 2,4,6-Trichlorophenol	12.912	196	88644	48.761	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	100584	51.005	ng		87
46) 1,1'-Biphenyl	13.317	154	320386	46.663	ng		98
47) 2-Chloronaphthalene	13.353	162	233985	45.331	ng		98
48) 2-Nitroaniline	13.558	65	86947	49.421	ng		98
49) Acenaphthylene	14.205	152	393744	51.603	ng		98
50) Dimethylphthalate	13.940	163	309674	43.401	ng		99
51) 2,6-Dinitrotoluene	14.052	165	66410	48.077	ng		100
52) Acenaphthene	14.545	154	245628	45.616	ng		97
53) 3-Nitroaniline	14.387	138	42994	29.714	ng		98
54) 2,4-Dinitrophenol	14.592	184	92011	100.401	ng	#	77
55) Dibenzofuran	14.880	168	391909	46.272	ng		99
56) 4-Nitrophenol	14.704	139	115809	97.571	ng	#	87
57) 2,4-Dinitrotoluene	14.845	165	103329	49.473	ng		96
58) Fluorene	15.527	166	325709	46.918	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.109	232	96566	50.912	ng		99
60) Diethylphthalate	15.309	149	332648	43.562	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	160132	46.265	ng		99
62) 4-Nitroaniline	15.550	138	67797	45.918	ng		98
63) Azobenzene	15.814	77	335493	49.293	ng		96
65) 4,6-Dinitro-2-methylph...	15.609	198	68674	57.770	ng		93
66) n-Nitrosodiphenylamine	15.738	169	281125	49.357	ng		99
67) 4-Bromophenyl-phenylether	16.414	248	111029	50.488	ng		97
68) Hexachlorobenzene	16.531	284	125218	51.275	ng		92
69) Atrazine	16.690	200	114843	48.289	ng		99
70) Pentachlorophenol	16.878	266	168323	113.674	ng		95
71) Phenanthrene	17.266	178	628147	57.520	ng		99
72) Anthracene	17.354	178	546235	49.172	ng		98
73) Carbazole	17.624	167	479846	49.034	ng		98
74) Di-n-butylphthalate	18.188	149	557657	47.432	ng		99
75) Fluoranthene	19.275	202	801433	62.414	ng		97
77) Benzidine	19.457	184	80791	17.817	ng		98
78) Pyrene	19.633	202	782072	57.588	ng		99
80) Butylbenzylphthalate	20.532	149	253482	49.487	ng		93
81) Benzo(a)anthracene	21.437	228	737483	53.478	ng		99
82) 3,3'-Dichlorobenzidine	21.355	252	80868	18.006	ng		98
83) Chrysene	21.496	228	692786	52.328	ng		98
84) Bis(2-ethylhexyl)phtha...	21.361	149	368119	47.869	ng		99
85) Di-n-octyl phthalate	22.501	149	628884	46.933	ng	#	98
87) Indeno(1,2,3-cd)pyrene	27.865	276	842776	51.726	ng		98
88) Benzo(b)fluoranthene	23.523	252	792919	58.887	ng		99
89) Benzo(k)fluoranthene	23.582	252	688239	50.171	ng	#	98
90) Benzo(a)pyrene	24.328	252	702364	56.074	ng		98
91) Dibenzo(a,h)anthracene	27.924	278	644206	49.245	ng		98
92) Benzo(g,h,i)perylene	28.928	276	669048	52.560	ng		97

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

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