Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064443.D
Acq On : 25 Sep 2025 13:18
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 25 15:30:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 25 15:27:57 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.841	152	15905	20.000	ng		0.00
21) Naphthalene-d8	10.626	136	69680	20.000	ng		0.00
39) Acenaphthene-d10	14.462	164	56405	20.000	ng		0.00
64) Phenanthrene-d10	17.206	188	143699	20.000	ng	#	0.00
76) Chrysene-d12	21.430	240	158110	20.000	ng	#	0.00
86) Perylene-d12	24.427	264	170967	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.426	112	16143	19.033	ng		0.00
7) Phenol-d6	7.012	99	21666	18.632	ng		0.00
23) Nitrobenzene-d5	8.986	82	25372	19.515	ng		0.00
42) 2,4,6-Tribromophenol	15.949	330	19015	19.090	ng		0.00
45) 2-Fluorobiphenyl	13.087	172	73015	19.299	ng		0.00
79) Terphenyl-d14	19.821	244	157036	19.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	3008	8.494	ng		86
3) Pyridine	3.734	79	9315	9.570	ng		93
4) n-Nitrosodimethylamine	3.651	42	6760	8.723	ng		98
6) Aniline	7.165	93	15311	10.165	ng	#	85
8) 2-Chlorophenol	7.412	128	10220	9.652	ng		86
9) Benzaldehyde	6.977	77	7785	7.486	ng		90
10) Phenol	7.036	94	11539	9.422	ng		90
11) bis(2-Chloroethyl)ether	7.265	93	8253	9.948	ng		95
12) 1,3-Dichlorobenzene	7.729	146	11972	10.360	ng		99
13) 1,4-Dichlorobenzene	7.876	146	11746	9.860	ng		96
14) 1,2-Dichlorobenzene	8.187	146	11269	9.888	ng		86
15) Benzyl Alcohol	8.076	79	10061	9.356	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.352	45	14740	9.894	ng		97
17) 2-Methylphenol	8.275	107	8505	9.742	ng		88
18) Hexachloroethane	8.916	117	4654	10.025	ng		91
19) n-Nitroso-di-n-propyla...	8.640	70	8091	10.060	ng		88
20) 3+4-Methylphenols	8.604	107	11454	9.290	ng		82
22) Acetophenone	8.657	105	16490	9.728	ng	#	90
24) Nitrobenzene	9.033	77	12674	9.960	ng		97
25) Isophorone	9.556	82	22504	9.462	ng	#	96
26) 2-Nitrophenol	9.738	139	5991	9.821	ng		94
27) 2,4-Dimethylphenol	9.803	122	9142	9.583	ng		97
28) bis(2-Chloroethoxy)met...	10.038	93	12010	10.017	ng	#	91
29) 2,4-Dichlorophenol	10.279	162	10370	9.303	ng		97
30) 1,2,4-Trichlorobenzene	10.490	180	11743	9.636	ng	#	89
31) Naphthalene	10.672	128	34751	9.625	ng		99
32) Benzoic acid	9.909	122	5839m	7.598	ng		
33) 4-Chloroaniline	10.784	127	13041	9.868	ng		96
34) Hexachlorobutadiene	10.966	225	10433	10.257	ng		96
35) Caprolactam	11.530	113	4162	10.264	ng	#	74
36) 4-Chloro-3-methylphenol	11.912	107	13688	9.794	ng	#	94
37) 2-Methylnaphthalene	12.282	142	26943	9.813	ng		96
38) 1-Methylnaphthalene	12.506	142	27771	10.481	ng		99
40) 1,2,4,5-Tetrachloroben...	12.658	216	16576	9.231	ng		98
41) Hexachlorocyclopentadiene	12.641	237	7251	8.011	ng		98
43) 2,4,6-Trichlorophenol	12.893	196	10895m	9.356	ng		

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44) 2,4,5-Trichlorophenol	12.976	196	11557	8.898	ng	#	88
46) 1,1'-Biphenyl	13.299	154	38218	9.503	ng		98
47) 2-Chloronaphthalene	13.340	162	29207	9.554	ng		97
48) 2-Nitroaniline	13.540	65	9517	8.929	ng	#	79
49) Acenaphthylene	14.186	152	41938	9.244	ng	#	97
50) Dimethylphthalate	13.916	163	44365	10.132	ng		99
51) 2,6-Dinitrotoluene	14.039	165	8462	9.421	ng		89
52) Acenaphthene	14.527	154	29647	9.497	ng		93
53) 3-Nitroaniline	14.368	138	8216	9.206	ng	#	75
54) 2,4-Dinitrophenol	14.574	184	3414	5.825	ng		85
55) Dibenzofuran	14.862	168	50579	9.854	ng		98
56) 4-Nitrophenol	14.685	139	5352	7.255	ng	#	79
57) 2,4-Dinitrotoluene	14.826	165	12656	8.780	ng	#	90
58) Fluorene	15.508	166	42191	9.634	ng		89
59) 2,3,4,6-Tetrachlorophenol	15.097	232	12813	9.528	ng	#	98
60) Diethylphthalate	15.285	149	48258	9.980	ng		98
61) 4-Chlorophenyl-phenyle...	15.508	204	23011	10.003	ng		95
62) 4-Nitroaniline	15.526	138	8441	8.732	ng		98
63) Azobenzene	15.796	77	35685	9.336	ng		94
65) 4,6-Dinitro-2-methylph...	15.584	198	8001	7.990	ng		81
66) n-Nitrosodiphenylamine	15.720	169	36342	9.678	ng		96
67) 4-Bromophenyl-phenylether	16.401	248	15668	9.655	ng		95
68) Hexachlorobenzene	16.513	284	18397	9.912	ng		99
69) Atrazine	16.665	200	17134	9.538	ng		82
70) Pentachlorophenol	16.865	266	8494	7.394	ng	#	83
71) Phenanthrene	17.247	178	74868	9.927	ng		98
72) Anthracene	17.335	178	72371	9.399	ng		97
73) Carbazole	17.606	167	66699	9.683	ng		97
74) Di-n-butylphthalate	18.170	149	77066	9.147	ng		98
75) Fluoranthene	19.257	202	92336	9.585	ng		97
77) Benzidine	19.439	184	33941	8.331	ng		97
78) Pyrene	19.621	202	95803	9.638	ng		98
80) Butylbenzylphthalate	20.514	149	35243	9.452	ng		96
81) Benzo(a)anthracene	21.413	228	97105	9.585	ng		95
82) 3,3'-Dichlorobenzidine	21.336	252	34415	9.950	ng		98
83) Chrysene	21.477	228	92795	9.684	ng		99
84) Bis(2-ethylhexyl)phtha...	21.336	149	49375	9.158	ng		98
85) Di-n-octyl phthalate	22.470	149	85942	9.459	ng		99
87) Indeno(1,2,3-cd)pyrene	27.794	276	113528	9.435	ng	#	98
88) Benzo(b)fluoranthene	23.481	252	93375m	9.454	ng		
89) Benzo(k)fluoranthene	23.546	252	95222m	9.677	ng		
90) Benzo(a)pyrene	24.280	252	89595	9.818	ng		95
91) Dibenzo(a,h)anthracene	27.858	278	91287	9.400	ng	#	95
92) Benzo(g,h,i)perylene	28.845	276	90607	9.736	ng	#	96

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

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