Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064448.D
Acq On : 25 Sep 2025 16:44
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 29 17:46:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 17:41:35 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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	19629	20.000	ng		0.00
21) Naphthalene-d8	10.632	136	82993	20.000	ng		0.00
39) Acenaphthene-d10	14.468	164	61681	20.000	ng		0.00
64) Phenanthrene-d10	17.206	188	148886	20.000	ng	#	0.00
76) Chrysene-d12	21.442	240	160340	20.000	ng		0.00
86) Perylene-d12	24.433	264	174344	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.432	112	159963	155.730	ng		0.00
7) Phenol-d6	7.018	99	224629	159.624	ng		0.00
23) Nitrobenzene-d5	8.998	82	249768	163.100	ng		0.00
42) 2,4,6-Tribromophenol	15.961	330	166650	154.764	ng		0.00
45) 2-Fluorobiphenyl	13.093	172	647103	154.917	ng		0.00
79) Terphenyl-d14	19.832	244	1259887	154.896	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	29953	69.490	ng		97
3) Pyridine	3.734	79	86739	74.642	ng		99
4) n-Nitrosodimethylamine	3.651	42	67374	75.900	ng		99
6) Aniline	7.171	93	142053	77.953	ng		99
8) 2-Chlorophenol	7.406	128	100982	78.580	ng		99
9) Benzaldehyde	6.983	77	85928	71.737	ng		93
10) Phenol	7.047	94	119506	78.432	ng		97
11) bis(2-Chloroethyl)ether	7.271	93	80380	78.567	ng		93
12) 1,3-Dichlorobenzene	7.729	146	111353	77.303	ng		97
13) 1,4-Dichlorobenzene	7.876	146	111326m	75.656	ng		
14) 1,2-Dichlorobenzene	8.193	146	109859	78.784	ng		98
15) Benzyl Alcohol	8.082	79	105960	79.912	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.364	45	129875	72.804	ng		96
17) 2-Methylphenol	8.287	107	86041	78.167	ng		98
18) Hexachloroethane	8.922	117	43436	78.241	ng		98
19) n-Nitroso-di-n-propyla...	8.651	70	75609	79.490	ng	#	97
20) 3+4-Methylphenols	8.616	107	117454	75.908	ng		97
22) Acetophenone	8.663	105	160704	80.881	ng	#	96
24) Nitrobenzene	9.039	77	122078	81.667	ng		97
25) Isophorone	9.568	82	218426	77.086	ng		98
26) 2-Nitrophenol	9.744	139	60345	82.012	ng		98
27) 2,4-Dimethylphenol	9.809	122	93617	78.884	ng		99
28) bis(2-Chloroethoxy)met...	10.044	93	114851	78.459	ng		97
29) 2,4-Dichlorophenol	10.285	162	105641	77.343	ng		96
30) 1,2,4-Trichlorobenzene	10.496	180	117206	80.225	ng		96
31) Naphthalene	10.679	128	338660	78.163	ng		96
32) Benzoic acid	10.003	122	81423m	92.734	ng		
33) 4-Chloroaniline	10.790	127	130086	82.076	ng		97
34) Hexachlorobutadiene	10.966	225	98170	78.886	ng		98
35) Caprolactam	11.589	113	33853	75.116	ng		92
36) 4-Chloro-3-methylphenol	11.924	107	127407	78.697	ng	#	92
37) 2-Methylnaphthalene	12.288	142	256209	78.312	ng		95
38) 1-Methylnaphthalene	12.506	142	249106	77.491	ng		99
40) 1,2,4,5-Tetrachloroben...	12.659	216	157088	79.911	ng		99
41) Hexachlorocyclopentadiene	12.641	237	89314	85.550	ng		94
43) 2,4,6-Trichlorophenol	12.899	196	104793	81.725	ng		94

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44) 2,4,5-Trichlorophenol	12.976	196	110683	77.863	ng		96
46) 1,1'-Biphenyl	13.305	154	348385	79.400	ng		98
47) 2-Chloronaphthalene	13.346	162	261616	78.449	ng		99
48) 2-Nitroaniline	13.546	65	92838	81.000	ng		96
49) Acenaphthylene	14.186	152	384534	77.670	ng		99
50) Dimethylphthalate	13.928	163	356340	75.622	ng		98
51) 2,6-Dinitrotoluene	14.045	165	78012	78.820	ng	#	80
52) Acenaphthene	14.533	154	262559	77.494	ng		98
53) 3-Nitroaniline	14.374	138	76592	81.667	ng	#	95
54) 2,4-Dinitrophenol	14.586	184	56236	85.555	ng		90
55) Dibenzofuran	14.868	168	431971	76.896	ng		98
56) 4-Nitrophenol	14.691	139	62726	82.628	ng		97
57) 2,4-Dinitrotoluene	14.838	165	120447	79.716	ng	#	95
58) Fluorene	15.520	166	354937	76.539	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.097	232	111624	80.008	ng		98
60) Diethylphthalate	15.297	149	386182	76.061	ng		98
61) 4-Chlorophenyl-phenyle...	15.508	204	189750	74.932	ng		94
62) 4-Nitroaniline	15.549	138	82584	82.122	ng		92
63) Azobenzene	15.802	77	304330	76.600	ng		99
65) 4,6-Dinitro-2-methylph...	15.602	198	84794	83.141	ng		91
66) n-Nitrosodiphenylamine	15.726	169	305998	77.020	ng		94
67) 4-Bromophenyl-phenylether	16.401	248	135740	77.810	ng		94
68) Hexachlorobenzene	16.525	284	154180	77.660	ng		97
69) Atrazine	16.677	200	135575	75.110	ng		99
70) Pentachlorophenol	16.865	266	104048	86.841	ng		93
71) Phenanthrene	17.253	178	599449	77.462	ng		99
72) Anthracene	17.341	178	614451	77.972	ng		99
73) Carbazole	17.612	167	535202	77.415	ng		97
74) Di-n-butylphthalate	18.176	149	649439	76.797	ng		99
75) Fluoranthene	19.263	202	744166	76.151	ng		99
77) Benzidine	19.445	184	259122	61.724	ng		97
78) Pyrene	19.627	202	776775	78.076	ng		99
80) Butylbenzylphthalate	20.520	149	289955	77.974	ng		97
81) Benzo(a)anthracene	21.419	228	805149	78.427	ng		98
82) 3,3'-Dichlorobenzidine	21.342	252	271691	76.951	ng	#	99
83) Chrysene	21.483	228	763675	78.546	ng		98
84) Bis(2-ethylhexyl)phtha...	21.342	149	425021	79.343	ng		99
85) Di-n-octyl phthalate	22.476	149	712196	78.213	ng		100
87) Indeno(1,2,3-cd)pyrene	27.835	276	957142	77.678	ng		97
88) Benzo(b)fluoranthene	23.493	252	792510	79.295	ng		98
89) Benzo(k)fluoranthene	23.563	252	780237	77.992	ng		99
90) Benzo(a)pyrene	24.304	252	722303	78.017	ng		99
91) Dibenzo(a,h)anthracene	27.888	278	778997	77.983	ng		97
92) Benzo(g,h,i)perylene	28.892	276	741087	77.248	ng		99

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

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